

99B-157

COVER SHEET

Proposal Title: **DEVELOPMENT OF A RIVER CORRIDOR MANAGEMENT PLAN FOR THE LOWER AMERICAN RIVER**

Applicant Name: Sacramento City-County Office of Metropolitan Water Planning
Water Forum (as administered through the City of Sacramento)
Contact: Mr. Jonas Minton, Executive Director, CCOMWP

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Email: jminton@sacto.org

Amount of funding requested: \$250,000 for 1 year

Indicate the topic for which you are applying (check only one box).

- | | |
|---|---|
| <input type="checkbox"/> Fish Passage/Fish Screens | <input type="checkbox"/> Introduced Species |
| <input checked="" type="checkbox"/> Habitat Restoration | <input type="checkbox"/> Fish Management/Hatchery |
| <input type="checkbox"/> Local Watershed Stewardship | <input type="checkbox"/> Environmental Education |
| <input type="checkbox"/> Water Quality | |

Does the proposal address a specified Focused Action? yes

What county or counties is the project located in? Sacramento County

Indicate the geographic area of your proposal (check only one box).

- | | |
|--|---|
| <input type="checkbox"/> Sacramento River Mainstem | <input type="checkbox"/> East Side Trib: |
| <input checked="" type="checkbox"/> Sacramento Trib: American River | <input type="checkbox"/> Suisun Marsh and Bay |
| <input type="checkbox"/> San Joaquin River Mainstem | <input type="checkbox"/> North Bay/South Bay: |
| <input type="checkbox"/> San Joaquin Trib: | <input type="checkbox"/> Landscape (entire Bay-Delta watershed) |
| <input type="checkbox"/> Delta: | <input type="checkbox"/> Other: _____ |

Indicate primary species which the proposal addresses (check all that apply)

- | | |
|--|---|
| <input type="checkbox"/> San Joaquin and East Side Delta tributaries fall-run chinook salmon | <input type="checkbox"/> Spring-run chinook salmon |
| <input type="checkbox"/> Winter-run chinook salmon | <input checked="" type="checkbox"/> Fall-run chinook salmon |
| <input type="checkbox"/> Late-fall run chinook salmon | <input type="checkbox"/> Longfin smelt |
| <input type="checkbox"/> Delta smelt | <input checked="" type="checkbox"/> Steelhead trout |
| <input checked="" type="checkbox"/> Splittail | <input type="checkbox"/> Striped bass |
| <input type="checkbox"/> Green sturgeon | <input type="checkbox"/> All chinook species |
| <input checked="" type="checkbox"/> Migratory birds | <input type="checkbox"/> All anadromous salmonids |
| <input type="checkbox"/> Other: _____ | |

Specify the ERP strategic objective and target(s) that the project addresses. Include page numbers from January 1999 version of ERP Volume I and II:

The project would facilitate the implementation of the following strategic objectives in the ERP Volume I: flows, pg. 54-5; temperatures, pg. 63; sediment, pg. 72-3; floodplains, pg. 89; aquatic habitats, pg. 118; wetland habitats, pg. 144-5; riparian and riverine habitats, pg. 151-2; freshwater fish habitats, pg. 158-9; essential fish habitats, pg. 162; splittail, pg. 209; fall-run chinook salmon, pg. 222-3; steelhead trout, pg. 229-35; migratory birds, pg. 363. The project would also facilitate the implementation of the following targets (T) identified in the ERP Volume II: Central Valley Streamflows, T1, T2, and T3, pg. 325; Coarse Sediment Supply, T1, pg. 327-8; Natural Floodplain and Flood Processes, T1 and T3, pg. 328-9; Central Valley Stream Temperatures, T1A & B, pg. 330; Riparian and Riverine Aquatic Habitat, T1 and T2, pg. 332; Freshwater and Essential Fish Habitat, T1, pg. 332; Stressors - Water Diversions, T1, pg. 332; Stressors - Levees, Bridges, and Bank Protection, T1, pg. 334; Stressors - Invasive Riparian and Marsh Plant Species, T1, pg. 334; Stressors - Harvest of Fish and Wildlife, T1, pg. 334; and Stressors - Stranding, T1, pg. 336.

Indicate the type of applicant (check only one box):

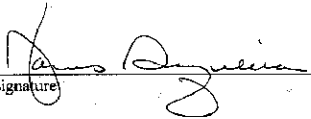
- | | |
|---|---|
| <input type="checkbox"/> State agency | <input type="checkbox"/> Federal agency |
| <input type="checkbox"/> Public Non-profit joint venture | <input type="checkbox"/> Non-profit |
| <input checked="" type="checkbox"/> Local government/district | <input type="checkbox"/> Private party |
| <input type="checkbox"/> University | <input type="checkbox"/> Other: _____ |

Indicate the type of project (check only one box):

- | | |
|--|---|
| <input checked="" type="checkbox"/> Planning | <input type="checkbox"/> Implementation |
| <input type="checkbox"/> Monitoring | <input type="checkbox"/> Education |
| <input type="checkbox"/> Research | |

By signing below, the applicant declares the following:

- 1.) The truthfulness of all representations in their proposal;
- 2.) The individual signing the form is entitled to submit the application on behalf of the applicant (if the applicant is an entity or organization); and
- 3.) The person submitting the application has read and understood the conflict of interest and confidentiality discussion in the PSP (Section 2.4) and waives any and all rights to privacy and confidentiality of the proposal on behalf of the applicant, to the extent as provided in the Section.


Signature

James G. Sequeira
Printed name of applicant

DEVELOPMENT OF A RIVER CORRIDOR MANAGEMENT PLAN FOR THE LOWER AMERICAN RIVER

Applicant: Sacramento City-County Office of Metropolitan Water Planning (CCOMWP)
Water Forum (as administered through the City of Sacramento)

Technical and Financial Contact Person:

Mr. Jonas Minton, Executive Director CCOMWP
5770 Freeport Boulevard, Suite 200
Sacramento, CA 95822
Telephone: 916/433-6288
Facsimile: 916/433-6295
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Participants/Collaborators in Implementation:

Sponsoring Agencies

Sacramento Area Flood Control Agency (SAFCA)
City-County Office of Metropolitan Water Planning
Sacramento County Department of Regional Parks, Recreation, and
Open Space (Sacramento County Parks)

Supported By

Water Forum

(comprised of 40 stakeholders including business agricultural leaders, environmentalists,
citizen groups, water managers, and local governments)

Lower American River Task Force (LAR Task Force)

(comprised of community groups, environmental interests, recreation interests,
flood control agencies, and resource agencies)

U.S. Fish and Wildlife Service (FWS)

U.S. Bureau of Reclamation (BOR)

U.S. Army Corps of Engineers (ACOE)

California Department of Fish and Game (DFG)

California Reclamation Board

Type of Organization: Municipal Government Organization

Tax Status: Corporation

Tax Identification Number: 94-6000410

Focused Action: American River

EXECUTIVE SUMMARY

Project Description. This project focuses on the Lower American River (LAR) between the Sacramento River and Nimbus Dam in Sacramento County. This reach of the river is highly managed with a history of planning for water management, open space, and flood control. However, it lacks a comprehensive, broadly supported river corridor management plan that would assist CALFED in determining what restoration actions to fund in the future. The proposed River Corridor Management Plan (RCMP) will create a planning framework and consensus building process for pursuing CALFED's vision and objectives for ecosystem restoration along the LAR. This proposal consists of four principal elements: consensus building and facilitation, fisheries and aquatic habitat, floodplain management, and project management.

Biological/Ecological Objectives. The RCMP will provide an integrated planning framework and consensus-based process to identify, define, prioritize, and eventually implement restoration actions on the LAR. The LAR provides important habitat for several fish species. The RCMP will create a framework for identifying and prioritizing specific ecosystem restoration and management actions that will directly benefit species and habitats of the LAR. The plan development process will be based on best available scientific data. Management actions identified in the RCMP will have an associated monitoring and reporting component to allow appropriate adaptive actions.

Approach/Tasks/Schedule. This proposal builds on the accomplishments of broadly based efforts to manage the river for multiple beneficial uses, undertaken by the DFG, BOR, Water Forum, the LAR Task Force, and previous LAR Technical Committee workshops assisting the CALFED Ecosystem Restoration Plan (Strategic Plan and Vol. I and II). The proposal directly addresses two important components which are needed to identify, define, and implement ecosystem restoration actions for the LAR. The first is a comprehensive coordination of habitat restoration and management plans between local, state, and federal agencies and stakeholder groups. The second is development of scientific consensus among biologists, resource managers, and technical experts concerning the critical needs of aquatic species on the LAR and the priorities for recovery actions. The Sponsoring Agencies are requesting cost-shared funding from CALFED for specific tasks, to be completed within 12 months, to accelerate the preparation of a unified river ecosystem restoration program. Task 1 creates a consensus building process to resolve critical scientific issues, coordinate activities and plans among various agencies and stakeholder forums, and guide broad participation in the development of the RCMP. Task 2 will identify fisheries and aquatic habitat restoration needs and priorities for the LAR. Task 3 will involve developing an integrated riparian revegetation and preventive erosion control program, a master plan for riparian and terrestrial habitats, and an infrastructure redesign and relocation program for the LAR.

Justification for Project and Funding by CALFED. The LAR contributes 15% of the flow of the Sacramento River and provides spawning, rearing and foraging habitat for anadromous and resident native fish species that use the Sacramento-San Joaquin Delta. It provides significant habitat for Delta and other Central Valley species. The RCMP would benefit these species, benefit the Delta ecosystem, and assist CALFED in determining what restoration actions to fund in the LAR to further its goals for ecosystem restoration.

Budget Costs and Third-Party Impacts. This proposal requests CALFED funding in the amount of \$250,000 for specific tasks related to the development of a RCMP for the LAR. The Sponsoring Agencies have committed to cost-sharing and jointly preparing and completing the RCMP. SAFCA will fund \$350,000; the Water Forum will fund \$150,000. The RCMP would benefit third parties outside the LAR by serving as a model for watershed management, particularly in urbanized areas of the Central Valley. Successful development of the RCMP, including community involvement, consensus building among diverse governmental and non-governmental interests, and initiation of restoration actions could provide important lessons to others involved in local and watershed level restoration and planning efforts that require a careful balance of competing uses of water and aquatic resources.

Applicant Qualifications. Sacramento County Parks administers the natural resource and public uses within the American River Parkway. The Water Forum, the contracting entity, was created as the vehicle to develop a regional water plan for Sacramento. SAFCA, along with the LAR Task Force, has played a leading role in advancing floodplain management and providing protection and restoration of the natural environment along the LAR. Surface Water Resources, Inc., with extensive experience and unique expertise regarding aquatic resource issues and planning processes in the LAR, the Central Valley, and the Bay-Delta, will assist in producing the Fisheries and Aquatic Habitat Element of the RCMP. Jones & Stokes Associates, with extensive experience in restoration planning and implementation, and innovative bank protection in the LAR, the Central Valley, and the Bay-Delta, will assist in preparing the Floodplain Management Element of the RCMP. Ayres Associates, a leading engineering firm with extensive experience and expertise in hydraulic, hydrologic, and geotechnical investigations of rivers in California, will provide hydraulic modeling support to the RCMP.

Monitoring and Data Evaluation. The proposed RCMP will create a framework for implementing and coordinating restoration actions and assessing the health of the LAR ecosystem. The RCMP will include an Ecological and Biological Monitoring Plan. The objectives of this effort will be to foster a scientific consensus among biologists, resource managers, and technical experts concerning the critical needs of aquatic species on the LAR and the priorities for recovery actions, and to lay the groundwork for implementing actions in the LAR that will reduce the effects of identified stressors on fish and aquatic habitat, improve the reliability of the existing flood control system and protect the wild and scenic character of the American River Parkway. The data collected will be evaluated relative to their success in creating fish and wildlife habitat and whether larger scale applicability is feasible.

Local Support/Coordination with other Programs/Compatibility with CALFED Objectives. The RCMP will coordinate with existing working groups and forums and will be consistent with several federal, state and local restoration programs, and will facilitate the integration of the restoration actions for the LAR in these programs. This effort would be coordinated with several working groups and programs, including the LAR Task Force; the Water Forum Action Plan; the DFG's Restoring Central Valley Streams: A Plan for Action and other monitoring and pilot programs; ERP; Anadromous Fish Restoration Program (AFRP); the Floodway Management (FMP) Plan for the LAR; and the American River Parkway Plan. This project would meet multiple strategic objectives and targeted actions as further identified in this proposal.

PROJECT DESCRIPTION

Proposed Scope of Work. This project focuses on the LAR between the Sacramento River and Nimbus Dam in Sacramento County (Figure 1). This reach of the river is highly managed with a history of planning for water management, open space, and flood control. However, it lacks a comprehensive, broadly supported river corridor management plan that will assist CALFED in determining what restoration actions to fund in the future. The proposed RCMP will create a planning framework and consensus building process for pursuing CALFED's vision and objectives for ecosystem restoration along the LAR. This proposal builds on the accomplishments of broadly based efforts to manage the river for multiple beneficial uses, including DFG, BOR, the Water Forum, the LAR Task Force, and previous LAR Technical Committee workshops assisting the CALFED ERP (Strategic Plan and Vol. I and II). The proposal directly addresses two important components which are needed to identify, define, and implement ecosystem restoration actions for the LAR. The first is a comprehensive coordination of habitat restoration and management plans between local, state, and federal agencies and stakeholder groups. The second is development of scientific consensus among biologists, resource managers, and technical experts concerning the critical needs of aquatic species on the LAR and the priorities for recovery actions.

This proposal consists of four principal elements: consensus building and facilitation, fisheries and aquatic habitat, floodplain management, and project management. The Sponsoring Agencies are requesting cost-shared funding from CALFED for the following specific tasks, to be completed within 12 months, in order to accelerate the preparation of a unified river ecosystem restoration program.

Overall deliverable: RCMP.

Task 1: Consensus Building and Facilitation. Task 1 creates a consensus building process to resolve critical scientific issues, coordinate activities and plans among various agencies and stakeholder forums, and guide broad participation in the development of the RCMP. This process brings together representatives from the state and federal agencies, and several existing stakeholder groups active on the LAR including participants in the Reservoir Operations Working Group (ROWG), the Floodway Management Working Group (FMWG), the LAR Task Force, and the Water Forum as shown in Figure 2. This effort will involve the following subtasks.

Subtask 1-1: Create River Corridor Steering Committee (RCSC). The RCSC will be comprised of local, state, and federal resource managers, technical experts, and local community organizations and conservation groups. Its activities will be coordinated by an independent technical expert skilled in group facilitation. The RCSC will guide the plan development process based on information and recommendations provided by three technical working groups: the ROWG, FMWG, and the Fisheries and Aquatic Habitat Working Group (FAHWG). As appropriate, independent scientific review may be solicited by the RCSC to address specific issues.

Deliverable: Meeting minutes.

Subtask 1-2: Create Fisheries and Aquatic Habitat Working Group (FAHWG). The FAHWG will be created as part of this project and will be convened by the RCSC facilitator. The group will provide technical input to the RCSC on aquatic resource issues and the steps necessary to identify aquatic habitat restoration and river management needs and priorities. The group will consist of

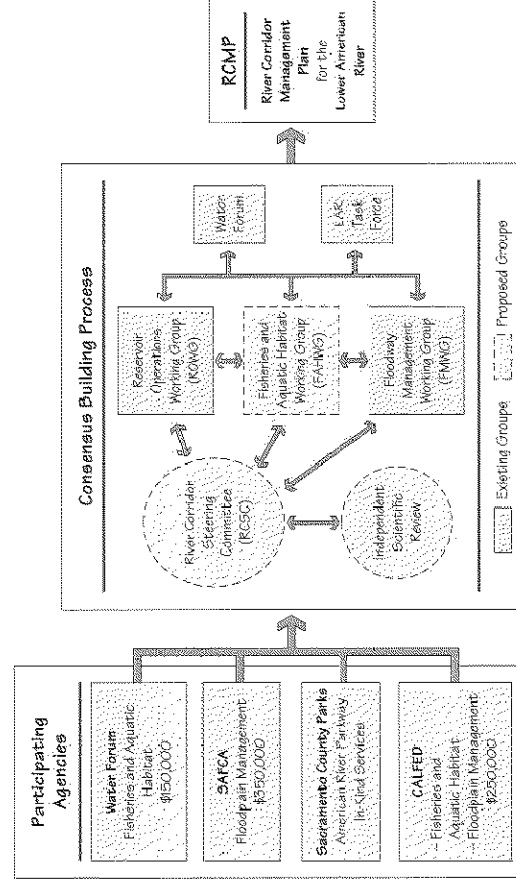


Figure 2
Planning Framework and Consensus Building Process

members from the ROWG, the FMWG, local, state, and federal aquatic resource managers, fish and water resource technical experts, and river conservation groups.

Deliverable: Meeting minutes and papers on technical issues and methods.

Task 2: Fisheries and Aquatic Habitat Element. The Fisheries and Aquatic Habitat Element of the RCMP, produced for the RCSC, will identify aquatic habitat restoration needs and priorities for the LAR. This effort will be coordinated by the FAHWG and will involve the following subtasks.

Subtask 2-1: Prepare Summary Report. To assess priorities, phasing, and specifics of restoration activities, a comprehensive literature search relevant to the aquatic resources of the LAR will be conducted, including existing published and unpublished literature and studies, including work by DFG, FWS, University of California at Davis, BOR, SAFCA, City and County of Sacramento, and the Water Forum. A report will be prepared summarizing known information and identifying data gaps where additional directed research may be needed. The report will include a detailed conceptual model of ecosystem processes, habitat characteristics, stressors and restoration priorities.

Deliverable: Technical Report.

Subtask 2-2: Prepare Plan Element. Based on the results of Subtask 2-1 and review by the RCSC, the Fisheries and Aquatic Habitat Element of the RCMP will be prepared. This plan element will: 1) identify appropriate restoration and management actions (including phasing) for priority species and habitats on the LAR; 2) outline an Ecological and Biological Monitoring Plan to evaluate the effectiveness of specific restoration actions and the LAR ecosystem based on monitoring populations of indicator fish species; 3) identify a focused research program to improve understanding of the LAR ecosystem; 4) recommend modifications of current management practices; and 5) outline a process for effective adaptive management. These sections will focus on aquatic habitats and CALFED target species including chinook salmon, steelhead trout, and splittail. Recommended restoration actions will address several CALFED Strategic Plan and ERP concerns including: streamflows and maintaining aquatic habitats (ERP, Vol. II, p. 325), enhanced gravel habitat for fish spawning (ERP, Vol. II, pp. 327-328), summer thermal refugia to fish presence (ERP, Vol. II, p. 330), floodplain habitats and the impact of fish stranding (ERP, Vol. II, p. 336, Stage 1 Action), and management of instream woody material to enhance aquatic habitat (ERP, Vol. II, p. 332, Stage 1 Action).

Deliverable: RCMP Fisheries and Aquatic Habitat Element.

Task 3: Floodplain Management. This element of the RCMP builds on the research and stakeholder consensus-based process already accomplished by SAFCA and the LAR Task Force, as embodied in the ratified recommendations contained in the FMP. Under the guidance of the FMWG, this element of the plan will involve: 1) development of an integrated riparian revegetation and preventive erosion control program which maintains the complexity and structural diversity of riverine and shaded riverine aquatic (SRA) habitats, while preserving floodway capacity and improving the reliability of the existing flood control system (ERP, Vol. II, pp. 332 and 334); 2) development of a master plan for riparian and terrestrial habitats that preserves flood conveyance capacity, consistent with the local community's recreation and open space goals and the wild and scenic character of the Parkway (ERP, Vol. II, p. 334); and 3) development of an infrastructure redesign and relocation program to reduce the impact of infrastructure maintenance on floodplain habitats, reduce the risk of structural damage due to flooding, and improve flood conveyance capacity by restoring more of the historic channel and floodplain geometry of the river (ERP, Vol. I, p. 435). A conceptual floodplain management master

plan will be prepared that integrates all existing, planned, and recommended habitat restoration projects in the active floodplain of the LAR. Most of the funding for this element will be provided by SAFCA. The Sponsoring Agencies are requesting CALFED funding for the following subtasks involving applications of SAFCA's hydraulic model for the LAR.

Deliverable: RCMP Floodplain Management Element.

Subtask 3-1: Use Hydraulic Model. SAFCA's 2-dimensional hydraulic model will be used to evaluate and map ecological suitability units within the LAR. Model runs will be made to: 1) identify river discharge and boundary conditions corresponding to an appropriate range of bankfull flows that inundate all or portions of the active floodplain in winter and spring; 2) test the effects of proposed new riparian vegetation cover types and altered floodplain and bank "roughness" on flood stage and flow velocity; and 3) identify river reaches where large-scale riparian and SRA habitat restoration is compatible with floodway management standards.

Deliverable: Electronic and paper maps and tables of hydraulic model output.

Subtask 3-2: Conduct Geomorphic Assessment. Existing geomorphic studies by the ACOE and results of the two-dimensional hydraulic model runs will be used to characterize the apparent range of relative stability of the river banks, channel bars, and floodplain swales that may be subjected to altered flow conditions under recommended flow management measures or conceptual habitat restoration projects occurring on the floodplain.

Deliverable: Geomorphic Assessment Report.

Subtask 3-3: Map Ecological Resources. An ecological resources map will be created by adding the outputs of previous tasks to geographical information system (GIS) digital maps currently being prepared by SAFCA depicting existing layers of riparian vegetation, including non-native species, recreational resources, public infrastructure, and corridor topography. The resulting map will serve as a planning and conceptual design tool for developing the conceptual floodplain master plan.

Deliverable: Digital GIS and paper maps.

Task 4: Project Management. CALFED funding will be used by the Sponsoring Agencies to retain a facilitator and create the RCSC. The RCSC will form an administrative management team to manage the consensus-based plan development process and report to the contract administrator, the Water Forum. The detail-oriented administrative management team will include representatives of each of the three sponsoring agencies and other RCSC members selected to balance the perspective and expertise of the management team.

Location and/or Geographical Boundaries of the Project. The project area is entirely within Sacramento County and covers the American River corridor between the Sacramento River and Nimbus Dam, bounded on the north and south by levees in the lower reach and bluffs and high terraces in the upper reach (Figure 1).

ECOLOGICAL/BIOLOGICAL BENEFITS

Ecological/Biological Objectives. The RCMP will provide an integrated planning framework and consensus-based process to identify, define, prioritize, and eventually implement restoration actions on the LAR. The LAR provides important habitat for several fish species including the native chinook salmon, steelhead, and splittail, as well as non-native striped bass and American shad. Many species of birds and wildlife also live along the river and the adjacent floodplain. Important aquatic habitats include gravel spawning beds for chinook salmon and steelhead primarily present in the upper portion of the LAR, and low gradient rearing habitat including sloughs, side channels, and SRA habitat. Important terrestrial habitats include remnant riparian forest and shrub that provide habitat for many wildlife species. Wetland habitats are very limited along the LAR but provide important fish and wildlife habitat.

The most important stressors of the LAR ecosystem include altered streamflows, water temperatures, sediment supply, floodplain and stream channel processes, competition and predation from non-native fish species, and invasive riparian plant species. Concerns include low base flows for spawning and rearing of salmon and steelhead, as well as flow fluctuations that can dewater spawning redds and strand fry and juvenile fish. The natural sediment supply in the LAR has been interrupted by historical hydraulic gold and gravel mining, dams, levees, and bank protection. Levee construction, bank protection, mining, and channel incision have greatly altered the geomorphology of the floodplain. Non-native plant species, including giant reed, have reduced riparian habitat value for many native wildlife species.

Although these stressors cannot be completely eliminated, their effects can be substantially reduced. The RCMP will create a framework for identifying and prioritizing specific ecosystem restoration and management actions that will directly benefit species and habitats of the LAR. The plan development process will be based on best available scientific data. Where significant uncertainty exists, targeted research and demonstration projects, involving independent scientific review as necessary, will be developed to resolve issues. Management actions identified in the RCMP will have an associated monitoring and reporting component to allow appropriate adaptive actions.

Linkages. The RCMP will coordinate with existing working groups and forums to ensure consistency with several ongoing federal, state, and local restoration programs, and will facilitate the integration of the restoration actions for the LAR in these programs. The following working groups identify important linkages and the following programs identify important restoration actions for the LAR.

- **Lower American River Task Force and FMWG.** The LAR Task Force, funded by SAFCA, was formed to provide a forum for all local, state, and federal agencies and non-governmental organizations and individuals concerned about the status and future of the LAR Parkway and floodway. The LAR Task Force was formed to deliberate over management measures, bank protection projects, habitat restoration, and other overlapping issues that affect the condition of the LAR. Its deliberations are professionally facilitated. The task force meets regularly and has working subgroups focusing on bank protection and floodway management, including the FMWG. The FMWG coordinated the development of the Floodway Management Plan for the LAR. It will provide input to the RCSC on how floodplain management activities could be implemented in a

manner which protects and restores fish and wildlife habitats, preserves the flood conveyance capacity of the LAR, and is consistent with the wild and scenic character of the LAR.

- **Reservoir Operations Working Group.** The ROWG, coordinated by the BOR, will provide input to the RCSC on how Folsom Reservoir and other Central Valley Project facilities might be managed to improve flow and temperature conditions in the LAR.
- **Water Forum Action Plan.** The Water Forum Action Plan provides a framework for water agencies in the Sacramento Region to pursue their water supply needs over the next three decades in a manner which gives equal weight to "preserving the fishery, wildlife, recreational, and aesthetic values of the Lower American River". Among the Water Forum's recommendations are an improved pattern of releases from Folsom Reservoir to more closely match the needs of anadromous fish, and reasonable and feasible fishery and aquatic habitat improvements to offset the stress of increased diversions from the American River.
- **DFG's Monitoring and Pilot Programs.** For the past several years, DFG has monitored numerous fisheries aspects in the LAR including spawning habitat utilization, spawning gravel characterization, rearing, and outmigration. In addition, DFG continues to address flow fluctuation and spawning gravel enhancement issues in the LAR. Incorporation of DFG's past and ongoing activities will provide an important technical basis for RCMP development.
- **Ecosystem Restoration Plan.** The ERP includes a vision for the LAR and several strategic objectives, targets, and programmatic actions. The RCMP will address several strategic objectives of the ERP, including objectives stated on pages 54-5, 63, 72-3, 89, 118, 144-5, 151-2, 158-9, 162, 209, 220-3, 229-35, and 363 of Volume I of the ERP. The RCMP will also address many ERP targets (T), programmatic actions (PA), and Stage I actions (SA), including those on the following pages of Volume II of the ERP: p. 325 (T1, T2, and T3, PA 1A, 1B, and 1C, PA 2A, PA 3A, 3B, and 3C), pp. 327-8 (T1, PA 1A, 1B, and 1C), pp. 328-9 (T1 and T3, PA 1A and 1B, PA 3A, 3B, 3D, and 3E), p. 330 (T1A and 1B, PA 1A, 1B, 1C, 1D, 1E, and 1F), p. 332 (T1 and T2, PA 1A, 2A, 2B, 2C, SA 3), p. 332 (T1), p. 333 (T1), p. 334 (Invasive Species, T1, PA 1A, SA 1, and Harvest, T1, PA 1A, 1B, 1C, and 1D), and p. 336 (T1, PA 1A, SA 2). Many ERP objectives have already been addressed or initiated by other programs listed below. Proposed assessment and research to improve understanding of ecological relationships will be coordinated with the Comprehensive Monitoring, Assessment and Research Program (CMARP) steering committee to support the goals of CALFED.
- **Anadromous Fish Restoration Program.** The RCMP will build on the ongoing effort of the draft AFRP to "improve flow magnitude and regulation, replenish spawning gravel and restore existing spawning grounds, [and] develop a riparian corridor management plan to improve and protect riparian habitat and instream cover." This effort has been spearheaded by the ROWG which will continue to play an important role in the plan development process for the LAR.
- **DFG's Restoring Central Valley Streams: A Plan for Action.** This plan includes specific action recommendations for the LAR which will be addressed in the RCMP. Highest priority is given to actions that improve the habitat of threatened, endangered, or species of special concern.

Recommendations focus primarily on streamflow, development of a coordinated multiagency management plan, riparian habitat restoration, and spawning and rearing habitat restoration.

- **Floodway Management Plan.** The FMP was developed in 1998 by SAFCA and a diverse group of LAR stakeholders, including local community and conservation groups in order to "balance the needs of the flood control system with the needs of other competing resources". The FMP includes a floodplain management program aimed at restoring ecological processes, functions, and habitats benefitting important Bay-Delta species (e.g., salmon, steelhead, American shad, and splittail), while promoting the open space values of the local community and providing an acceptable level of flood control for Sacramento. The RCMP will identify the steps needed to implement this program.
- **American River Parkway Plan.** The Parkway Plan includes important elements addressing streamflow management, fish and aquatic habitat, public open space and flood control. However, because the plan has not been updated since 1985, these plan elements do not reflect the accomplishments of the planning efforts referenced above. The RCMP will provide a framework for updating the Parkway Plan, thus securing the support of the City and County of Sacramento and the State Legislature for incorporating ecosystem restoration into a multiple use management program for the LAR.

System-Wide Ecosystem Benefits. The LAR contributes 15% of the flow of the Sacramento River and provides spawning, rearing and foraging habitat for anadromous and resident native fish species that use the Sacramento-San Joaquin Delta (Delta). It provides significant habitat for Delta and other Central Valley species, although its connection to the upper watershed has been greatly reduced by Nimbus and Folsom Dams. Large areas of historic floodplain contained within the levee system offer opportunities for enhanced ecological functions related to frequent high flow events. The RCMP will benefit these species and therefore benefit the Delta ecosystem.

Compatibility with Non-Ecosystem Objectives. Levee system integrity, water supply, and water quality objectives consistent with the CALFED program will be included in the RCMP. Preventive bank protection and floodplain management will improve levee system integrity. Water supply and water quality objectives will be specifically addressed in the RCMP and will be considered in concert with flood protection and ecosystem restoration. The LAR Parkway provides important wildlife, recreation, and open space values. The consensus building process involving all stakeholders exemplified by the RCMP will be extensive, and will likely become a model for other Central Valley communities.

Third-Party Benefits. The RCMP will benefit third parties outside the LAR by serving as a model for watershed management, particularly in urbanized areas of the Central Valley. Successful development of the RCMP, including community involvement, consensus building among diverse governmental and nongovernmental interests, and initiation of restoration actions based on tested hypotheses and appropriate evaluation and adaptive management, will provide an example for local and watershed level restoration and planning efforts.

TECHNICAL FEASIBILITY AND TIMING

Other Alternatives Considered. The RCMP will provide a planning framework for future restoration actions, including ecosystem restoration, water management, recreational open space, and flood control. The implementation of various restoration actions have previously been proposed, but it is clear that an umbrella planning document that is consistent with past and future planning efforts is needed.

Environmental Compliance. Many aspects of the proposed RCMP planning approach are discussed in the LAR FMP, which has been ratified by a broad assemblage of the LAR stakeholders and cooperating agencies. Agency approval will be sought for focused field investigations and monitoring as needed. Representatives of the responsible agencies will be involved in the planning process, and it is anticipated that agreements with these agencies could be authorized in an expedient manner.

Consensus-Building. The RCMP will build on the existing consensus-based planning approach on the LAR. A majority of groups required for this consensus-based process already work together in other contexts and venues, and have a history of success over several years. Their existence and willingness to participate will ensure that the RCMP development process will be carried out within the proposed 12-month period.

Schedule. The proposed 12-month period will provide adequate opportunities to perform the tasks described above under "Proposed Scope of Work". The planning period coincides with use patterns of key fish species, flow regimes, and seasons.

Implementability. Successful development of the RCMP is likely because it is consistent with the goals of the numerous agencies with jurisdictional responsibilities for the LAR. In particular, the RCMP will likely benefit Sacramento County Parks' efforts to update their American River Parkway Plan. Many local environmental organizations support the development of the RCMP because it will provide guidance for meeting their restoration goals.

MONITORING AND DATA COLLECTION METHODOLOGY

Overview. The proposed RCMP will create a framework for implementing and coordinating restoration actions and assessing the health of the LAR ecosystem. The RCMP will include an Ecological and Biological Monitoring Plan which will identify monitoring objectives, testable hypothesis questions to be addressed through monitoring, duration of monitoring, constituents to be monitored, sampling methods, analytical procedures and decision criteria, as well as reporting formats. The Ecological and Biological Monitoring Plan will also incorporate a Quality Assurance Project Plan to identify appropriate quality control measures. This element of the RCMP will be closely coordinated with the CMARP.

Biological/Ecological Objectives. Data collection will be an important part of the development of the RCMP. The objectives of this effort will be: 1) to foster a scientific consensus among biologists, resource managers, and technical experts concerning the critical needs of aquatic species on the LAR and the priorities for recovery actions, and 2) to lay the groundwork for implementing actions in the LAR that will reduce the effects of identified stressors on fish and aquatic habitat, improve the reliability of the existing flood control system and protect the wild and scenic character of the American River Parkway.

Monitoring Parameters and Data Collection Approach. Data collection will consist of: 1) a comprehensive literature review aimed at identifying broad areas of agreement among fisheries biologists and resource managers on restoration priorities for the LAR and isolating the issues on which additional focused research is needed (see Subtasks 2-1 and 2-2), and 2) development of an ecological resource map for the LAR incorporating topography, hydrography, soils, vegetation, fish and wildlife habitat, infrastructure facilities, and land use (including recreational facilities) presented in a GIS format that will allow resource managers to make judgements about riparian restoration suitability, habitat quality, preventive bank protection priorities, habitat restoration constraints, and infrastructure redesign and relocation opportunities relevant to the development of a conceptual floodplain management master plan for the LAR. Several of the components needed to complete this GIS map are currently in progress. SAFCA's hydraulic model will be used to simulate more frequent level flows, identify the inundation surfaces associated with these flows, and complete a geomorphic assessment of the channel and floodplain throughout the LAR corridor (See Subtasks 3-1 and 3-2). This information will be incorporated into the GIS. Mapping methods will utilize orthophotos, global positioning system, and AutoCAD and ARC/INFO 7.1 software.

Data Evaluation Approach. The data collected in monitoring and focused studies will be evaluated relative to their success in creating fish and wildlife habitat and whether larger scale applicability is feasible. Data collected will include fish and wildlife habitat use analyzed using standard statistical methods suitable for data arising from ecological field experiment, that generally do not conform to normality and do not result from a balanced design. Thorough peer review by agency and academic experts will be an integral part of the study design and data evaluation.

LOCAL INVOLVEMENT

Sacramento County Parks is one of the three Sponsoring Agencies. This department administers the natural resource and public uses within the American River Parkway. A primary responsibility of Sacramento County Parks is to protect, preserve, and help restore natural areas within the Parkway consistent with the American River Parkway Plan. The department will be involved in the development of the RCMP, which will benefit its efforts to update the American River Parkway Plan, which has not been updated since 1985 and does not reflect recent developments in floodplain and water resource management along the LAR.

In addition, there has been extensive local, state, and federal agency, community organization, and conservation group participation in the preparation and review of this proposal. Letters of support from Sacramento County and others are included at the end of this proposal in Figure 3. This extensive involvement will continue in the development of the RCMP (Figure 2). The RCSC will promote full participation by identifying and notifying affected and interested organizations and individuals. Expansion of existing outreach efforts will ensure that any interested party will have an opportunity to contribute and/or comment during development of the RCMP. The RCSC will identify and respond to all environmental issues raised in public comments or other forums. Clear, thorough responses to the issues will help refine public discussion, inform various working group participants, and focus planning efforts on the issues of concern.

Ongoing efforts led by the SAFCA/LAR Task Force and Water Forum/CCOMWP will play a substantial role in developing the RCMP. A consensus-based approach, relying on local involvement, is integral to both of these efforts, as described below.

SAFCA has played a leading role in creating and facilitating the LAR Task Force which is comprised of local, state, and federal flood control and resource agencies; reclamation districts; homeowners associations (River Park Neighborhood Association, Sierra Oaks Neighborhood Association); environmental and open space organizations (American River Natural History Association, American River Parkway Foundation, California Native Plant Society, Environmental Council of Sacramento, Protect American River Canyons, Save the American River Association, Sierra Club); university representatives; and representatives of the City and County of Sacramento and related departments. The LAR Task Force will serve to ensure local involvement by flood control and recreation interests in the RCMP plan development process.

The goal of the Water Forum is to develop a consensus-based approach to addressing the region's water needs over the next three decades. The Water Forum was created as the vehicle to develop a regional water plan for Sacramento. Participants in the Water Forum include local water suppliers, environmental interests (including the Environmental Council of Sacramento, Friends of the River, Save the American River Association, Sierra Club - Mother Lode Chapter - Sacramento Group), citizens organizations, and business interests. The Water Forum will serve to ensure local involvement by water interests in the RCMP plan development.

There are no third-party impacts anticipated.

COST

Budget. SAFCA is funding \$350,000 and the Water Forum is funding \$150,000 for the development of the RCMP. This proposal is requesting CALFED funding for development of the RCMP totaling \$250,000. The City of Sacramento, on behalf of the Water Forum, will be the contracting entity. Costs associated with project management, such as inspection of work in progress, validation of costs, preparation of periodic reporting requirements, response to project specific questions, and necessary costs directly associated with specific project oversight will be contributed as in-kind services. The costs (CALFED funds only) associated with each of the tasks necessary to develop the RCMP are shown in Tables 1 and 2.

Overhead or administrative costs will be provided as in-kind services by the Sponsoring Agencies for Task 1, Consensus Building and Facilitation. Review of the Draft RCMP will be undertaken by the sponsoring agencies as in-kind services. Task 2, Preparation and Distribution of the Aquatic Resources Section of the RCMP, will be completed by SWRI. Task 3, Preparation of the Floodplain Management Element of the RCMP, will be completed by Jones & Stokes Associates and Ayres Associates with input from other SAFCA consultants who are currently doing work related to the Floodplain Management Element, including HART, Inc., Kleinfelder, Eva Butler & Associates, Northwest Hydraulic Consultants, and Mussetter Engineering.

Schedule. Task 1, Consensus Building and Facilitation, will be initiated immediately following execution of a contract, and is anticipated to be ongoing through October 2000. Task 2, Preparation of the Fisheries and Aquatic Habitat Element of the RCMP, will be ongoing and completed by October 2000. Subtask 2-1 culminates in a technical report completed by February 2000. Task 3, Preparation of the Floodplain Management Element of the RCMP, will be completed by October 2000. Subtasks 3-1, 3-2, and 3-3 involving hydraulic modeling, geomorphic assessment, and creation of an ecological resources map would be completed by July 2000.

Table 1. Total Budget (CALFED funds only)

Task	Direct Labor Hours	Direct Salary and Benefits	Service Contracts	Material and Acquisition Costs	Miscellaneous and other Direct Costs	Overhead and Indirect Costs	Total Cost
Task 1. Consensus Building and Facilitation							
1-1 and 1-2. Create RCSC and FAHWG			\$100,000				\$100,000
Task 2. Fisheries and Aquatic Habitat Element							
2-1. Prepare Summary Report			\$24,000				\$24,000
2-2. Prepare Plan Element			\$76,000				\$76,000
Task 3. Floodway Management							
3-1. Use Hydraulic Model			\$25,000				\$25,000
3-2. Conduct Geomorphic Assessment			\$10,000				\$10,000
3-3. Map Ecological Resources			\$15,000				\$15,000
Task 4. Project Management							
Total			\$1250,000				\$250,000

Table 2. Quarterly Budget

Task	Quarterly Budget Oct-Dec 1999	Quarterly Budget Jan-Mar 2000	Quarterly Budget Apr-Jun 2000	Quarterly Budget Jul-Sep 2000	Total Budget
Task 1. Consensus Building and Facilitation	\$25	\$25	\$25	\$25	\$100
Task 2. Fisheries and Aquatic Habitat Element	\$25	\$30	\$30	\$25	\$100
Task 3. Floodway Management Element	\$20	\$20	\$10		\$50
Task 4. Project Management					
Total	\$65	\$75	\$65	\$50	\$250

COST-SHARING

The Sponsoring Agencies are committed to cost-sharing and jointly preparing and completing the RCMP. Table 3 illustrates a breakdown of financial support from the Sponsoring Agencies.

Table 3. Cost-Sharing

Contributor	Consensus Building and Facilitation	Fisheries and Aquatic Habitat	Floodplain Management	Total by Contributor
SAFCA	\$50,000 ^a	---	\$300,000 ^b	\$350,000
Water Forum	---	\$150,000 ^c	---	\$150,000
CALFED	\$100,000	\$100,000	\$50,000 ^d	\$250,000
(requested funding)				
Total by Task	\$150,000	\$250,000	\$350,000	\$750,000

^a SAFCA will fund 33% of the cost of the consensus building and facilitation process. CALFED will fund the balance of this task.

^b SAFCA will fund 86% of the total cost of the Floodplain Management Element of the RCMP. This funding will cover the technical support services necessary to:

1. Develop an integrated riparian revegetation and preventive erosion control program;
2. Develop a master plan for riparian and terrestrial habitats; and
3. Develop an infrastructure redesign and relocation program for the American River Parkway.

^c The Water Forum will fund 60% of the total cost of the Fisheries and Aquatic Habitat Element of the RCMP. CALFED will fund the balance of this task.

^d CALFED will fund 14% of the cost of the Floodplain Management Element of the RCMP. This funding will cover the cost of hydraulic modeling, geomorphic assessment, and ecological resources mapping.

APPLICANT QUALIFICATIONS

The City of Sacramento, on behalf of the Water Forum, will be the contracting entity. The City and County of Sacramento, through the Sacramento CCOMWP, staff the Water Forum process. The Water Forum will facilitate the preparation of the LAR RCMP. The ERP describes the previous efforts and success of the Water Forum. As noted in the ERP (Volume II, p. 322), the Water Forum has identified important elements that will contribute to improving the ecological health of the LAR.

Project Roles and Responsibilities. The Water Forum will provide project management and administrative support for the project. Specific activities will include contract administration, review and oversight of sub-consultants, and preparation of progress reports. The contact person for the City of Sacramento and Water Forum will be Jonas Minton. The contact person for SAFA will be Tim Washburn.

Surface Water Resources, Inc. (SWRI) has been selected by the Sponsoring Agencies to produce the Fisheries and Aquatic Habitat Element of the RCMP for the RCSC's review and consideration. Specific activities will include facilitating interagency participation, coordination with the CDFG to analyze, summarize and compile existing data and incorporate previous monitoring efforts, and preparation of the Fisheries and Aquatic Habitat Element of the RCMP. SWRI was selected for this project because of the company's extensive experience and unique expertise regarding aquatic resource issues and planning processes in the LAR, the Central Valley, and the Bay-Delta. The contact person for SWRI is Paul Bratovich.

Jones & Stokes Associates has been selected by the Sponsoring Agencies to prepare the floodplain management element of the RCMP under guidance of the RCSC. Specific activities include coordinating and facilitating interagency and local community involvement, and development of 1) an integrated revegetation and preventative erosion control program, 2) a master plan for riparian and terrestrial habitats, and 3) an infrastructure redesign and relocation program for the LAR. In addition, Jones & Stokes Associates will be responsible for incorporating the results of previous and ongoing habitat restoration and management studies and plans, and developing a comprehensive GIS for the RCMP. Jones & Stokes Associates was selected because of its extensive experience in restoration planning and implementation, and innovative bank protection in the LAR, the Central Valley, and the Bay-Delta. The contact person for Jones & Stokes Associates is Steven Chainey.

Ayres Associates, Inc. has been selected by the Sponsoring Agencies to provide hydraulic modeling support for the RCMP. Specific activities will include conducting simulations of flows below maximum flood stage with a hydraulic model for the LAR, and interpreting and presenting the results of these simulations. Ayres Associates is a leading engineering firm with extensive experience and expertise in hydraulic, hydrologic and geotechnical investigations of rivers in California. Ayres Associates recently completed detailed hydrographic and topographic surveys of the American River for the ACOE, and has constructed a two-dimensional hydraulic model of flood events on the lower river for SAFA. The contact person for Ayres Associates is Thomas Smith.

Key Personnel

Jonas Minton (CCOMWP) is the Executive Director of the Sacramento CCOMWP, responsible for managing staff and consultant assistance to the Sacramento Water Forum. He was on the team that successfully completed the Environmental Impact Report/Environmental Impact Statement to support the wild and scenic river designation of the Lower American, Trinity, Eel, Klamath, and Smith rivers. Previously at the California Office of Water Conservation, Mr. Minton managed major projects as the Chief of the California Office of Water Conservation.

Paul Bratovich, M.S., (SWRI) has worked as a fisheries consultant and water resources specialist in California for the past 16 years. Since 1984 he has conducted numerous LAR investigations including the design, implementation, analysis, and report preparation of habitat classification and mapping, application of the IFIM, estimation of chinook salmon abundance and distribution by habitat type, chinook salmon micro-habitat suitability data acquisition, outmigration, flow, and water temperature evaluations for chinook salmon and steelhead. He evaluated the benefits of shutter reconfiguration at Folsom Dam for downstream temperature control, the benefits of a Temperature Control Device at Folsom Dam, and development of optimal coldwater pool management software to assist BOR's management of Folsom Reservoir's coldwater pool for chinook salmon and steelhead. He currently is preparing environmental documentation for replacement of the City of Sacramento's fish screens at the E.A. Fairbairn Water Treatment Plant. Mr. Bratovich wrote the LAR section of the AFRP Draft Working Plan on behalf of the FWS, served as the lead scientist on CALFED's LAR Technical Team, and continues to serve as the principal scientist for the Water Forum and as a member of the ROWG.

Steven Chainey, M.S., (Jones & Stokes Associates) is a recognized leader in wetland and riparian ecology, management and restoration and has worked extensively with federal, state and local agencies to achieve successful restoration efforts on large-scale wetland and riparian enhancement projects. He has managed preparation of environmental impact assessments, constraints analyses, and management plans for numerous resource management projects in the Central Valley, and understands the relationships of flood control hydraulics, reservoir operations, and river and floodplain management and their effects on natural vegetation types, channel and floodplain geometry, and conditions for fish and wildlife habitat. Mr. Chainey was the lead ecologist on Jones & Stokes Associates's team that prepared the LAR FMP.

Thomas Smith, P.E., G.E., (Ayles Associates), specializes in water resources and soil mechanics. Mr. Smith has over 30 years of experience with water resource, erosion control and stream channel projects. He has extensive specialized experience in hydrology, hydraulics, streambank protection, slope stability and stream channel stabilization projects. Mr. Smith served as project manager for the development of a two-dimensional hydraulic model of the LAR covering the entire leveed reach.

Conflict of Interest Statement. Project sponsors have not identified any direct conflicts between the interests of the sponsors themselves, or the interest of their sub-consultants, SWRI, Jones & Stokes Associates, and Ayles Associates, and the objectives and interests of the CALFED program.

Compliance with Standard Terms and Conditions. The standard terms and conditions are agreeable, and the City of Sacramento will be in compliance with the terms and conditions. Requested forms are attached.

Figure 3. Letters of Support

- 3a. County of Sacramento
- 3b. City of Sacramento
- 3c. State Department of Fish and Game
- 3d. State Reclamation Board
- 3e. U.S. Fish and Wildlife Service
- 3f. U.S. Fish and Wildlife Service
- 3g. U.S. Bureau of Reclamation
- 3h. Save the American River Association
- 3i. Sierra Club
- 3j. American River Natural History Association
- 3k. California State University, Sacramento
- 3l. California Exposition and State Fair
- 3m. Building Industry Association of Superior California
- 3n. Sacramento County Taxpayers League
- 3o. Sacramento Municipal Utilities District
- 3p. Natomas Mutual Water Company
- 3q. Sacramento Metropolitan Water Authority
- 3r. San Juan Water District
- 3s. Fair Oaks Water District
- 3t. U.S. Army Corps of Engineers
- 3u. American River Parkway Foundation



**BOARD OF SUPERVISORS
COUNTY OF SACRAMENTO**

700 H STREET, SUITE 2450 • SACRAMENTO, CA 95814
March 30, 1999

Water Forum
5770 Freeport Boulevard, Suite 200
Sacramento, CA 95822

Sacramento Area Flood Control Agency
1007 Seventh Street, Fifth Floor
Sacramento, CA 95814

Muriel P. Johnson
Supervisor, Third District

Mary Anne Dann
Administrative Assistant
(916) 874-5471
FAX (916) 874-7583

E-Mail: muriel@bos.co.sacramento.ca.us

Effective 1/88: muriel@bos.co.sacramento.ca.us

To Whom It May Concern:

This letter indicates our interest in supporting you and other public and non-governmental agencies in the development of a corridor management plan for the lower American River that would be consistent with water management and flood control plans.

We understand that individual agencies are planning several important, but separate, restoration actions for this river. However, there is no overall plan that would assist all agencies, including CALFED, to determine which restoration actions to fund in this area.

We are pleased the Water Forum and the Sacramento Area Flood Control Agency are joining with other organizations in a Multi-Agency Lower American River Ecosystem Partnership. We support your involvement in the development of a corridor plan that will identify priorities, time lines, budgets and funding sources for environmental restoration and enhancement projects.

We realize that although each agency will retain autonomy over its own budget, the multi-agency partnership will coordinate the opportunities for cost sharing. Integration of ongoing and planned management/restoration efforts provides greater benefits and lower program costs. Through cooperation, success can be achieved.

If you have any questions about our support for this important partnership, please contact Keith DeVore at phone, 916-874-6851; fax 916-874-8693; or e-mail devorek@pwa.co.sacramento.ca.us.

Sincerely,

MURIEL P. JOHNSON
Chair, Board of Supervisors

cc: Members, Board of Supervisors
Robert A. Ryan, Jr., Acting County Executive

Figure 3a

1 - 0 1 5 7 0 1

I-015701



Department of Utilities
Office of the Director

CITY OF SACRAMENTO
CALIFORNIA

1305 33rd Avenue
Sacramento, CA 95822-2911
phone (916) 264-1400
fax (916) 264-1407/1408

April 2, 1999

Water Forum
5770 Freeport Blvd., Suite 200
Sacramento, CA 95822

This letter indicates our interest in supporting you and other public and non-governmental agencies in the development of a corridor management plan for the lower American River that would be consistent with water management and flood control plans.

We understand that individual agencies are planning several important, but separate, restoration actions for this river. However, there is no overall plan that would assist all agencies, including CALFED, to determine which restoration actions to fund in this area.

We are pleased the Water Forum and the Sacramento Area Flood Control Agency are joining with other organizations in a Multi-Agency Lower American River Ecosystem partnership. We support your involvement in the development of a corridor plan that will identify priorities, time lines, budgets and funding sources for environmental restoration and enhanced projects.

We realize that although each agency will retain autonomy over its own budget, the Multi-Agency Partnership will coordinate opportunities for cost-sharing. Integration of ongoing and planned management/restoration efforts in order to help the cooperating agencies develop the most effective program for the lower American River, which can provide maximum benefits to the river ecosystem and minimize the overall cost to each organization for developing, implementing and monitoring the corridor management plan.

If you have any questions about our support for this important partnership, please contact me at (916) 264-1407; fax (916) 264-1497 or email at jsequeira@gw.sacto.org.

Sincerely,

Jim Sequeira
Director of Utilities

cc: Rebecca Fawver
CALFED Bay-Delta Program Office
1416 Ninth Street
Sacramento, CA 95814



Making a Difference in our Neighborhood

1 - 0 1 5 7 0 2

Figure 3b

I-015702

DEPARTMENT OF FISH AND GAME

SACRAMENTO VALLEY AND CENTRAL SIERRA REGION
1701 NIMBUS ROAD, SUITE A
RANCHO CORDOVA, CALIFORNIA 95670
Telephone (916) 358-2500



March 30, 1999

Water Forum
5770 Freeport Boulevard, Suite 200
Sacramento, California 95822

Sacramento Area Flood Control Agency
1007 Seventh, Fifth Floor
Sacramento, California 95814

This letter indicates our interest in participating with you and other public and non-governmental agencies in the development of a corridor management plan for the lower American River that would be consistent with water management and flood control plans.

Individual agencies are planning several important, but separate, restoration actions for the river. However there is no overall plan that would assist all agencies, including CALFED, to determine what restoration actions to fund in this area.

We are pleased that the Water Forum and the Sacramento Area Flood Control Agency have invited us to join with other organizations in a Multi-Agency Lower American River Ecosystem Partnership. A key activity will be the development of a corridor plan that will identify priorities, time lines, budgets and funding sources for environmental restoration and enhancement projects.

Although each agency will retain autonomy over its own budget, the Multi-Agency partnership will coordinate opportunities for cost sharing. Integration of ongoing and planned management/restoration efforts will help the cooperating agencies develop the most effective program for the lower American River, thereby providing maximum benefits to the river ecosystem. Moreover, through cooperation and cost sharing the costs to each organization for developing, implementing and monitoring the corridor management plan will be minimized.

Figure 3c

I - 0 1 5 7 0 3

I-015703

Water Forum
Sacramento Area Flood Control Agency
March 30, 1999
Page Two

Our contact person for this important work is Dr. Larry L. Eng, at (916) 358-2919;
Fax (916) 358-2912; Email Leng@hq.dfg.ca.gov.

Sincerely,



Banky E. Curtis
Regional Manager

cc: Ms Rebecca Fawver
CALFED Bay-Delta Program Office
1416 Ninth Street
Sacramento, California 95814

Dr. Larry Eng
Department of Fish and Game
Rancho Cordova, California

Mr. Ryan Broddrick
Chief Deputy Director
Department of Fish and Game
1416 Ninth Street
Sacramento, California 95814

THE RECLAMATION BOARD

1416 NINTH STREET, ROOM 1601
SACRAMENTO, CA 95814
(916) 653-5434 FAX: (916) 653-5805
Permits: (916) 653-5726 FAX: (916) 653-5805



APR 14 1999

Mr. Jonas Minton
Water Forum
5770 Freeport Blvd. Suite 200
Sacramento, California 95822

Mr. F.I. Butch Hodgkins
Sacramento Area Flood Control Agency
1007 Seventh Street, Fifth Floor
Sacramento, California 95814

This letter indicates our interest in participating with you and other public and nongovernmental agencies in the development of a corridor management plan for the Lower American River (LAR) that would be consistent with recently developed water and floodway management plans.

For the past five years, we have participated in the Multi-Agency Lower American River Task Force focusing on the development of an integrated approach to managing the flood control, environmental and recreation resources contained within the American River Parkway. This collaborative effort has been successful and we are pleased to continue that collaboration by participating in development of a comprehensive corridor management plan for the LAR. It is our understanding that the CMP will identify priorities, time lines, budgets, and funding sources for environmental restoration and enhancement that is compatible with other river uses and responsibilities, such as flood control. Although each agency will retain autonomy over its own budget and authorities, the proposed Multi-Agency Partnership will coordinate opportunities for cost sharing. Integration of ongoing and planned management/restoration efforts will help the cooperating agencies develop the most effective program for the LAR, thereby providing maximum benefits to the river ecosystem. Moreover, through cooperation and cost sharing, the costs to each organization for developing, implementing, maintaining, and monitoring the corridor management plan will be minimized.

As a participating agency in the development of a corridor management plan, The Reclamation Board would continue to maintain its regulatory responsibility over activities that occur within the American River Project Floodway and American River Designated Floodway. Because of our current workload, the Board working through the Department of Water Resources will need to seek funding in order to provide the resources and staff needs to fully participate in the development of the CMP for the LAR.

Figure 3d

I - 0 1 5 7 0 5

I-015705

Mr. Jonas Minton
Mr. F.I. Butch Hodgkins
APR 14 1995
Page 2

If you have any questions, please contact Annalena Bronson, Environmental Specialist of the Department of Water Resources' Division of Flood Management, at (916) 654-4532 or Ricardo Pineda, Chief Engineer of The Reclamation Board, at (916) 653-5440.

Sincerely,



Peter D. Rabbon
General Manager

cc: Ms. Rebecca Fawver
CALFED Bay-Delta Program Office
1416 Ninth Street
Sacramento, CA 95814



IN REPLY, PLEASE REFER TO:

HE-CE

United States Department of the Interior

FISH AND WILDLIFE SERVICE

Sacramento Fish and Wildlife Office
3319 El Camino Avenue, Suite 130
Sacramento, California 95821-6340

April 15, 1999

Tim Washburn
Sacramento Area Flood Control Agency
1007 Seventh Street, Fifth Floor
Sacramento, CA, 95814

This letter indicates the Fish and Wildlife Service's interest in participating with the Sacramento Area Flood Control Agency (SAFCA) and other public and non-governmental agencies in the development of a Corridor Management Plan for the Lower American River (LAR) that would be consistent with recently developed water and floodway management plans.

For the past five years, we have participated with SAFCA in a Multi-Agency Lower American River Task Force focusing on the development of an integrated approach to managing the flood control, environmental and recreation resources contained within the American River Parkway. This collaborative effort has been extremely successful and we are pleased that the Water Forum and SAFCA have invited us to join with other organizations in the development of a comprehensive Corridor Management Plan for the LAR that will identify priorities, timelines, budgets and funding sources for environmental restoration and enhancement.

Our contact person for this important work is Doug Weinrich at (916) 979-2107;
fax (916) 979-2128.

Sincerely,

Dale A. Pierce
Acting Field Supervisor

cc: Rebecca Fawver
CALFED Bay-Delta Program Office
1416 Ninth Street
Sacramento, CA 95814

Water Forum
5770 Freepoint Blvd. Suite 200
Sacramento, CA 95822

Figure 3e

I - 0 1 5 7 0 7

I-015707



United States Department of the Interior

FISH AND WILDLIFE SERVICE

Sacramento/San Joaquin Estuary Fishery Resource Office

4001 North Wilson Way, Stockton, CA 95205-2486

209-946-6400 (Voice) 209-946-6355 (Fax)

April 14, 1999

Water Forum
5770 Freeport Blvd., Suite 200
Sacramento, CA 95822

Sacramento Area Flood Control Agency
1007 Seventh Street, Fifth Floor
Sacramento, CA 95814

We are pleased that the Water Forum and the Sacramento Area Flood Control Agency have invited us to join with other organizations in a Multi-Agency Lower American River Ecosystem Partnership. This letter indicates our interest in participating with you and others in developing a corridor management plan for the lower American River.

We are aware that individual agencies are planning restoration actions for this river. However, there is no overall plan that would help all interested parties, including the Anadromous Fish Restoration Program and CALFED, to determine what restoration actions to support in this area. We understand that the partnership will develop a corridor plan that will identify and prioritize environmental restoration and enhancement projects that are consistent with water management and flood control plans, and establish time lines and budgets and identify potential funding sources for these projects.

Our contact person for this important work is Dr. Carl Mesick at (209) (946-6400); fax (209) (946-6355) or cmesick@delta.dfg.ca.gov.

Sincerely,

Dr. Martin Kjelson, Program Manager
Anadromous Fish Restoration Program

cc: Rebecca Fawver
CALFED Bay-Delta Program Office
1416 Ninth Street
Sacramento, CA 95814

Figure 3f

I - 0 1 5 7 0 8

I-015708



United States Department of the Interior

BUREAU OF RECLAMATION

Central California Area Office
7794 Folsom Dam Road
Folsom, California 95630-1799

APR 15 1993

IN REPLY REFER TO
CC-413
ENV-6.00

Mr. Jonas Minton, Executive Director
City-County Office of Metropolitan Water Planning
5770 Freeport Boulevard, Suite 200
Sacramento, California 95822

Dear Mr. Minton:

Reclamation has been working cooperatively with the Water Forum in its overall effort to provide a reliable and safe water supply and to preserve the fishery, wildlife, recreational, and aesthetic values of the lower American River. Although Reclamation has traditionally focused on water development, it now focuses on resource management; and the lower American River is one of the waterways important to our mission.

Through the Central Valley Improvement Act, the Endangered Species Act, and other enabling legislation we are chartered to protect and enhance the fish and wildlife resources of the lower American River. We believe it critical that all agencies with interests on the lower American River work cooperatively and conjunctively to accomplish their goals and objectives related to the river. In this regard we are very supportive of the Water Forum/Sacramento Area Flood Control Agency (SAFCA) Multi-Agency Partnership proposal to CALFED. Only through such an integrated program will it be possible to maximize the benefits to the lower American River ecosystem within the funding capabilities of the individual agencies.

We look forward to working with the Forum, SAFCA, and other resource agencies in the substantial effort of protecting the lower American River. Please contact Rod Hall, of my staff, at (916) 989-7279 (TDD 989-7285) for further information.

Sincerely,

Thomas J. Aiken
Area Manager

cc: Rebecca Fawver
CALFED Bay-Delta Program Office
1416 Ninth Street
Sacramento, California 95814

Figure 3g



SAVE THE AMERICAN RIVER ASSOCIATION, INC.

P.O. BOX 277638 - SACRAMENTO, CA 95827-7638 - (916) 387-1763

March 30, 1999

Water Forum
5770 Freepoint Blvd., Suite 200
Sacramento, CA 95822

Sacramento Area Flood Control Agency
1007 Seventh Street, Fifth Floor
Sacramento, CA 95814

Attn: Jonas Minton

Attn: Butch Hodgkins

This letter documents our interest in supporting you and other public and non-governmental agencies in the development of a corridor management plan for the Lower American River that would be consistent with water management and flood control plans, and that gives equal importance to both objectives of the Water Forum Action Plan.

We understand that individual agencies are planning several important, but separate, restoration actions for this river. However, there is no overall plan that would assist all agencies, including CALFED, to determine which restoration actions to fund.

We are pleased the Water Forum and the Sacramento Area Flood Control Agency are joining with other organizations in a Multi-Agency Lower American River Ecosystem partnership. We support your involvement in the development of a corridor plan that will identify priorities, time lines, budgets and funding sources for environmental restoration and enhancement projects.

We realize that although each agency will retain autonomy over its own budget, the Multi-Agency Partnership will develop and coordinate opportunities for cost-sharing. Integration of ongoing and planned management/restoration efforts will help the cooperating agencies develop the most effective program for the Lower American River while minimizing the overall cost to each organization.

If you have any questions about our support for this important partnership, please contact Alan Wade at (916) 455-7083 (home phone and e-mail address).

Sincerely,

Alan Wade, President
Save the American River Assn., Inc.
Residence: 2916 - 25th Street
Sacramento, CA 95818
Phone: 455-7083

cc: CALFED Bay-Delta Program Office Attn: Rebecca Fawver
SARA Board of Directors

Figure 3h



SIERRA
CLUB
FOUNDED 1892

Mother Lode Chapter
1414 K Street, Suite 310
Sacramento, CA 95814
Tel: (916) 357-4100, x 108
Fax: (916) 557-0660
www.motherlode.org

April 12, 1999

VIA FAX

Water Forum
5770 Freeport Blvd., Suite 200
Sacramento, CA 95822
and
Sacramento Area Flood Control Agency
1007 Seventh Street, Fifth Floor
Sacramento, CA 95814

On behalf of the Mother Lode Chapter of the Sierra Club, I am writing to express support for a Multi-Agency Lower American River Ecosystem Partnership. The Club is very anxious to see agencies work together to protect natural resources, and we are also delighted to see cost-sharing (and saving) whenever possible.

We support your involvement in the joint development of a corridor plan that will identify priorities, time lines, budgets and funding sources for environmental restoration and enhancement projects.

If you have any questions about our support for this important partnership, please contact me at (916) 657-3465 or e-mail me at <vlee2@ibm.net>.

Sincerely,

Vicki Lee
Chapter Chair

cc: Rebecca Fawver
CALFED Bay-Delta Program Office
1416 Ninth Street
Sacramento, CA 95814

Figure 3i

I - 0 1 5 7 1 1

I-015711

American River Natural History Association

P.O. Box 241 • Carmichael, CA 95699-0241 • (916) 489-9118 • FAX (916) 489-1983

April 7, 1999

Water Forum
5770 Freeport Blvd., Suite 200
Sacramento, CA 95822

Sacramento Area Flood Control Agency(SAFCA)
1007 Seventh Street, 5th Floor
Sacramento, CA 95814

This letter indicates ARNHA's interest in participating with you and other public and non-governmental agencies in the development of a Corridor Management Plan for the Lower American River(LAR) that would be consistent with the recently developed water and flowery management plans.

For the past 5 years, we have participated with SAFCA in a Multi-Agency Lower American River Task Force focusing on the development of an integrated approach to managing the flood control, environmental and recreation resources contained with the American River Parkway. This collaborative effort has been extremely successful. We are pleased that the Water Forum and SAFCA have invited us to join with other organizations in the development of a comprehensive Corridor Management Plan for the LARE that will identify priorities, time lines, budgets and funding sources for environmental restoration and enhancement.

ARNHA's contact person for this important work is Bob Bennett at 916-858-1665(telephone), 916-858-1605(fax), and Link2Bob@aol.com (e-mail).

Sincerely,



Diana Parker
President

Cc: Rebecca Fayver
CALFED Bay-Delta Program Office
1416 Ninth Street
Sacramento, CA 95814

Figure 3.

We bring people to Nature and Nature to people

I - 0 1 5 7 1 2

I-015712



CALIFORNIA STATE UNIVERSITY, SACRAMENTO

FACILITIES MANAGEMENT

April 14, 1999

Water Forum

5770 Freeport Blvd. Suite 200
Sacramento, CA 95822

and

Sacramento Area Flood Control Agency (SAFCA)
1007 Seventh Street, Fifth Floor
Sacramento, CA, 95814

This letter indicates our interest in the concept of a corridor management plan for the Lower American River (LAR) that would be consistent with recently developed water and floodway management plans.

For the past five years, we have participated with SAFCA in a Multi-Agency Lower American River Task Force focusing on the development of an integrated approach to managing the flood control, environmental and recreation resources contained within the American River Parkway. This collaborative effort has been extremely successful, and we are pleased that the Water Forum and SAFCA have invited us to join with other organizations in the development of a comprehensive corridor management plan for the LAR for environmental restoration and enhancement.

If you have any further questions regarding our support for this important work, please contact me at 916-278-6241 or harrish@csus.edu.

Sincerely,

Howard Harris
Associate Vice President
Facilities Management
California State University, Sacramento

HA/cj

cc: Rebecca Fawver
CALFED Bay-Delta Program Office
1416 Ninth Street
Sacramento, CA 95814

6000 J Street, Sacramento, California 95819-6002 • (916) 278-6421 • (916) 278-5960 FAX

Figure 3k

San Francisco State University • Berkeley • Chico • Dominguez Hills • Fresno • Fullerton • Hayward • Humboldt • Long Beach • Los Angeles • Maritime Academy
Military City • Northridge • Pomona • Sacramento • San Bernardino • San Diego • San Francisco • San Jose • San Juan • San Luis Obispo • San Marcos • San Diego • Santa Barbara

I - 0 1 5 7 1 3

I-015713



CALIFORNIA EXPOSITION & STATE FAIR

April 14, 1999

Water Forum
5770 Freeport Blvd., Suite 200
Sacramento, CA 95822

Sacramento Area Flood Control Agency
1007 - 7th Street, 5th Floor
Sacramento, CA 95814

This letter indicates our interest in participating with you and other public and non-governmental agencies in the development of a corridor management plan for the Lower American River (LAR) that would be consistent with recently developed water and floodway management plans.

For the past five years, we have participated with SAFCA in a Multi-Agency Lower American River Task Force focusing on the development of an integrated approach to managing the flood control, environmental and recreation resources contained within the American River Parkway. This collaborative effort has been extremely successful and we are pleased that the Water Forum and SAFCA have invited us to join with other organizations in the development of a comprehensive corridor management plan for the LAR that will identify priorities, time lines, budgets and funding sources for environmental restoration and enhancement.

Our contact person for this important work is Brian May at (916) 263-3075; fax (916) 263-3304.

Sincerely,
CALIFORNIA EXPOSITION & STATE FAIR

Norbert J. Bartosik
General Manager/CEO

NJB:jr
cc: Rebecca Fawver, CALFED Bay-Delta Program Office

Figure 31



Building Industry Association of Superior California

"Building Toward A Better Future"

March 31, 1999

Water Forum
5770 Freeport Blvd., Suite 200
Sacramento, California 95822

And

Sacramento Area Flood Control Agency
1007 Seventh Street, Fifth Floor
Sacramento, California 95814

This letter indicates our interest in supporting you and other public and non-governmental agencies in the development of a corridor management plan for the Lower American River.

The Building Industry Association of Superior California (BIA), as a stakeholder in the Water Forum, understands that individual agencies are planning several important, but separate, restoration actions for this river. However, there is no overall plan that would assist all agencies, including CALFED, to determine which restoration actions to fund in this area.

The BIA is pleased the Water Forum and the Sacramento Area Flood Control Agency are joining with other organizations in a Multi-Agency Lower American River Ecosystem partnership. We support your involvement in the development of a corridor plan that will identify priorities, time lines, budgets and funding sources for environmental restoration and enhancement projects.

Figure 3m

Internet: <http://www.biasup.org> E-mail: biasup@biasup.org
3800 Watt Avenue, Suite 140, Sacramento, California 95821-2672, 916/575-1430, FAX 916/482-3461

CALFED

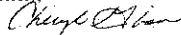
Page 2

March 31, 1999

We realize that although each agency will retain autonomy over its own budget, the Multi-Agency Partnership will coordinate opportunities for cost sharing. Integration of ongoing and planned management/restoration efforts in order to help the cooperating agencies develop the most effective program for the Lower American River, can provide maximum benefits to the river ecosystem and minimize the overall cost to each organization for developing, implementing and monitoring the corridor management plan.

If you have any questions about our support for this important partnership, please contact Bruce Houdesheldt at (916) 575-1430 or bruce@biasup.org.

Sincerely,



Cheryl Gibson

President

Building Industry Association of Superior California

Cc: Sherman Haggerty
John Orr

Jeremy Bernau
Bob Shattuck

Bruce Houdesheldt



SACRAMENTO COUNTY TAXPAYERS LEAGUE

April 9, 1999

1994
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Howard Jarvis Taxpayers Association

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KEVIN SPILLARD
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E. A. Greutmus & Sons, Inc.

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Ho's City & County

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PAT KFULLY
Taxpayer
SANDFORD (SANDY) KOPEIN

STEVE ROGERS
California Taxpayers Association
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Appliance Parts, Inc.
AL MCNULTY

JAY O'BRIEN
Taxpayer
HARVEY ROSE, MAJ

BERND SCHWIEREN
California Legislative Staff
SHIRO TOKINO

Retired Economist

Water Forum
5776 Freeport Blvd., Suite 200
Sacramento, CA 95822

and

Sacramento Area Flood Control Agency
1007 Seventh Avenue, Fifth Floor
Sacramento, CA 95814

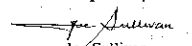
The Sacramento County Taxpayers League is pleased that the Water Forum and the Sacramento Area Flood Control Agency are joining with other organizations to develop a Multi-Agency Lower American River Ecosystem Partnership to support development of a corridor management plan for the lower American River.

We know a number of agencies are planning important, but separate, restoration actions for the American River. However, we also understand that there is no overall plan that would assist all agencies, including CALFED, in determining what restoration actions to fund. As a taxpayer's organization, we must encourage coordinated use of public and private funds to assure the most effective use possible of the large sums of money that will be expended for these efforts.

We realize that each agency will control of its own budget, however as the Multi-Agency Partnership will coordinate cost-sharing opportunities, we also know the cooperative effort should minimize the cost for accomplishing the corridor management plan.

If there are questions about our support of the partnership, please phone or fax me at (916) 921-5991.

Respectfully,


Joe Sullivan
Executive Director

cc: Rebecca Fawver
CALFED Bay-Delta Program Office

Figure 3n

1832 Tribute Road, Suite 210 • Sacramento, CA 95815-4309 • Phone/Fax (916) 921-5991

I - 0 1 5 7 1 7

I-015717

**SMUD**

SACRAMENTO MUNICIPAL UTILITY DISTRICT □ P. O. Box 15930, Sacramento CA 95852-1930, (916) 452-3211
AN ELECTRIC SYSTEM SERVING THE HEART OF CALIFORNIA

April 12, 1999
F&C 99-053

Water Forum
5770 Freeport Blvd., Suite 200
Sacramento, CA 95822

Sacramento Area Flood Control Agency
1007 Seventh Street, Fifth floor
Sacramento, CA 95814

This letter indicates the interest of the Sacramento Municipal Utility District in supporting you and other public and non-governmental agencies in the development of a corridor management plan for the lower American River that would be consistent with water management and flood control plans.

We understand that individual agencies are planning several important, but separate, restoration actions for this river. However, there is no overall plan that would assist all agencies, including CALFED, to determine which restoration actions to fund in this area.

We are pleased the Water Forum and the Sacramento Area Flood Control Agency are joining with other organizations in a Multi-Agency Lower American River Ecosystem partnership. We support your involvement in the development of a corridor plan that will identify priorities, time lines, budgets and funding sources for environmental restoration and enhancement projects.

We realize that although each agency will retain autonomy over its own budget, the Multi-Agency Partnership will coordinate opportunities for cost sharing. Integration of ongoing and planned management/restoration efforts in order to help the cooperating agencies develop the most effective program for the lower American River; which can provide maximum benefits to the river ecosystem and minimize the overall cost to each organization, for developing, implementing and monitoring the corridor management plan.

Figure 3a

DISTRICT HEADQUARTERS □ 6201 S Street, Sacramento CA 95817-1889

I - 0 1 5 7 1 8

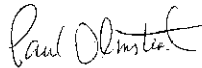
I-015718

Water Forum
Sacramento Area Flood Control Agency

April 12, 1999
F&C 99-053

If you have any questions about our support for this important partnership, please contact me at 916/732-5716.

Sincerely,



Paul Olmstead
Water and Power Resource Specialist
Sacramento Municipal Utility District
PO Box 15830
Sacramento, CA 95852-1830

cc:
Rebecca Fawver
CALFED Bay-Delta Program office 1416 Ninth Street
Sacramento, CA 95814



Natomas
Mutual Water Company

2601 West Eubank
Box 167474
Rio Linda
CA 95673
916 419 5936
FAX 419 8691
Email: NatomasH2O@aol.com

March 26, 1999

Mrs. Susan Davidson
Administrator
The Sacramento City-
County Office of Metropolitan
Water Planning
5770 Freeport Blvd., Suite 200
Sacramento, CA 95822

and

Sacramento Area Flood Control Agency
1007 Seventh Street, Fifth Floor
Sacramento, CA 95814

SUBJECT: SUPPORT FOR CORRIDOR MANAGEMENT PLAN

Dear Susan and Associates:

Our company supports you, and other agencies, in your development of a corridor management plan for the lower American River. We believe such a plan must be consistent with other water management and flood control plans.

Although some individual agencies are planning several important, but separate, restoration actions for this river, there is no overall plan, however, that would assist all agencies, including CALFED, to determine which restoration actions to fund in this area. We are pleased the Water Forum and the Sacramento Area Flood Control Agency are joining with other organizations in a Multi-Agency Lower American River Ecosystem partnership to provide that overall governance. We support your leadership in the development of a corridor plan that will identify priorities, time lines, budgets and funding sources for environmental restoration and enhancement projects.

Figure 3p

I - 0 1 5 7 2 0

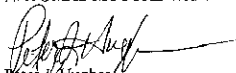
I-015720



We realize that although each agency will retain autonomy over its own budget, the Multi-Agency Partnership will coordinate any opportunities for cost-sharing. Integration of on-going and planned management/restoration efforts is necessary if cooperating agencies are to develop the most effective program for the lower American River.

If you have any questions about our support for this important partnership, please contact Peter Hughes at (916) 419-5936; fax (916) 419-8691 or e-mail at NatomasH2O@aol.com.

Very truly yours,
NATOMAS MUTUAL WATER COMPANY



Peter V. Hughes
General Manager

PL11/1a
commgt.doc

cc: Rebecca Fawver
CALFED Bay-Delta Program Office
1416 Ninth Street
Sacramento, CA 95814



April 13, 1999

Water Forum
5770 Freeport Blvd., Suite 200
Sacramento, CA 95822

and

Sacramento Area Flood Control Agency
1007 Seventh Street, Fifth Floor
Sacramento, CA 95814

To Whom it May Concern;

This letter indicates our interest in supporting you and other public and non-governmental agencies in the development of a corridor management plan for the lower American River that would be consistent with water management and flood control plans.

We understand that individual agencies are planning several important, but separate, restoration actions for this river. However, there is no overall plan that would assist all agencies, including CALFED, to determine which restoration actions to fund in this area.

We are pleased the Water Forum and the Sacramento Area Flood Control Agency area joining with other organizations in a Multi-Agency Lower American River Ecosystem partnership. We support your involvement in the development of a corridor plan that will identify priorities, time lines, budgets and funding sources for environmental restoration and enhancement projects.

We realize that although each agency will retain autonomy over its own budget, the Multi-Agency Partnership will coordinate opportunities for cost-sharing. Integration of ongoing and planned management/restoration efforts in order to help the cooperating agencies develop the most effective program for the lower American River, which can provide maximum benefits to the river ecosystem and minimize the overall cost to each organization for developing, implementing and monitoring the corridor management plan.

Sacramento Metropolitan Water Authority

Harry Ingram
Chairman
Leo Westerman
Vice Chairman
Ed Anderson
General Manager
George Thomas
Administrative Assistant

MEMBERS

City of Auburn
Sharon Tuckman
Douglas Voss
City of Davis
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Agente Water District
Lee D. Williams
Darryl Johnson

Austin-Cordano Water
Don Cordano
Donald Cordano

Carmichael Water Dist.
Bobby Kozak
Paul Smith

Dixon Heights Water Dist.
John Smith
John Smith

Elk Grove Water District
Gary Ely
William W. Townsend

Elk Grove Water District
John O'Connell
Frank Morgan

Elk Grove Water Works
Michael Curry
Jill Jones

Elk Grove Water District
Steve Hunt
Don Johnson

Elk Grove Water District
Don Hunt
Don W. Hunsley

Elk Grove Water District
John Hunsley
John Smith

Northridge Water District
Don Smith
Don Smith

Oakland-San Joaquin W.D.
Robert Schmitt
Robert Smith

Portland Metro. C.D.D.
Ed Green
Don Macdonald

St. Mary's Water W.D.
Robert Smith
Robert Smith

San Juan Water District
Robert Smith
Robert Smith



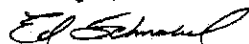
Sacramento Metropolitan
Water Authority
A Public Entity

5620 Bridgeage Street
Suite 180
Citrus Heights
California 95610-7632

(916) 967-5999 (7692) Phone
(916) 967-7322 FAX

If you have any questions about our support for this important partnership, please contact Ed Schnabel at 916-967-7692; fax 916-967-7322 or sandi@concourse.net.

Best regards,



Ed Schnabel
General Manager

cc: Rebecca Fawyer
CALFED Bay-Delta Program Office
1416 Ninth Street
Sacramento, CA 95814

cc: [illegible]



San Juan Water District

P.O. Box 2157 • Granite Bay, California 95746 • 916-791-2210
9935 Auburn-Fowler Road • Granite Bay, California 95746 • 916-791-0115
FAX 916-791-7361

General Manager
James T. Engen

▲
Deputies
Glenn A. Miller, President
Kenneth M. Miller, Vice President
Edward W. Reed, Secretary
Dorothy A. Reed
▲

March 24, 1999

Water Forum
5770 Freport Blvd., Suite 200
Sacramento, CA 95822

And

Sacramento Area Flood Control Agency
1907 Seventh Street, Fifth Floor
Sacramento, CA 95814

This letter indicates our interest in supporting you and other public and non-governmental agencies in the development of a corridor management plan for the lower American River that would be consistent with water management and flood control plans.

We understand that individual agencies are planning several important, but separate, restoration actions for this river. However, there is no overall plan that would assist all agencies, including CALFED, to determine which restoration actions to fund in this area.

We are pleased the Water Forum and the Sacramento Area Flood Control Agency are joining with other organizations in a Multi-Agency Lower American River Ecosystem partnership. We support your involvement in the development of a corridor plan that will identify priorities, time lines, budgets and funding sources for environmental restoration and enhancement projects.

We realize that although each agency will retain autonomy over its own budget, the Multi-Agency Partnership will coordinate opportunities for cost sharing. Integration of ongoing and planned management/restoration efforts in order to help the cooperating agencies develop the most effective program for the lower American River, which can provide maximum benefits to the river ecosystem and minimize the overall cost to each organization for developing, implementing and monitoring the corridor management plan.

If you have any questions about our support for this important partnership, please contact me at 916-791-0115, or jenglish@sjwd.org.

Sincerely,

Jim English
General Manager

Cc: Rebecca Fawver
CALFED Bay-Delta Program Office
1416 Ninth Street
Sacramento, CA 95814

Figure 3r



FAIR OAKS WATER DISTRICT

10317 Fair Oaks Blvd • Fair Oaks, California 95628-9783 • Phone (916) 967-3723

March 24, 1999

Water Forum
5770 Freeport Blvd., Suite 200
Sacramento CA 95822

and

Sacramento Area Flood Control Agency
1007 Seventh Street, Fifth Floor
Sacramento CA 95814

This letter indicates our interest in supporting you and other public non-governmental agencies in the development of a corridor management plan for the lower American River that would be consistent with water management and flood control plans.

We understand that individual agencies are planning several important, but separate, restoration actions for this river. However, there is no overall plan that would assist all agencies, including CALFED, to determine which restoration actions to fund in this area.

We are pleased the Water Forum and the Sacramento Area Flood Control Agency are joining with other organizations in a Multi-Agency Lower American River Ecosystem partnership. We support your involvement in the development of a corridor plan that will identify priorities, time lines, budgets and funding sources for environmental restoration and enhancement projects.

We realize that although each agency will retain autonomy over its own budget, the Multi-Agency Partnership will coordinate opportunities for cost sharing. Integration of on-going and planned management/restoration efforts in order to help the cooperating agencies develop the most effective program for the lower American River, can provide maximum benefits to the river ecosystem and minimize the overall cost to each organization for developing, implementing and monitoring the corridor management plan.

If you have any questions about our support for this important partnership, please contact Richard Plecker at (916) 967-5723; fax (916) 967-0153; or e-mail Rplecker@fowd.com.

Sincerely,

FAIR OAKS WATER DISTRICT

Richard D. Plecker
General Manager

RDP/lw

Enc.: (1)

cc: Rebecca Fawer, CALFED Bay-Delta Program Office

Figure 3s

I - 0 1 5 7 2 5

I-015725



REPLY TO
ATTENTION OF

DEPARTMENT OF THE ARMY
U.S. ARMY ENGINEER DISTRICT, SACRAMENTO
CORPS OF ENGINEERS
1325 J STREET
SACRAMENTO, CALIFORNIA 95814-2922

April 15, 1999

Environmental Resources Branch

Mr. Tim Washburn
Sacramento Area Flood Control Agency
1007 7th Street, 5th Floor
Sacramento, California 95814

Dear Mr. Washburn:

Thank you for the opportunity to review your proposal for a River Corridor Management Plan (RCMP) for that portion of the Lower American River between the Sacramento River and Nimbus Dam. The Corps is very supportive of the proposal, and agrees that the RCMP will provide a structured framework and consensus building process that is vital to bringing together all stakeholders resulting in a unified river ecosystem restoration program.

A good deal of attention has been focused on flood control along the Lower American River. Equally important are the critical needs of aquatic species and the importance of coordinating and prioritizing the efforts of diverse groups with sometimes differing goals. Your proposal to establish an Aquatic Habitat Working Group to work with the existing Reservoir Operations Group, Floodway Management Group and the Lower American River Task Force can only improve and accelerate opportunities for ecosystem restoration while maintaining the necessary flood control infrastructure. The Sacramento River Bank Protection Project stands to benefit from your proposal to develop an integrated riparian re-vegetation and preventive erosion control program while preserving floodway capacity and improving the reliability of the existing flood control system.

I offer the Corps' full support and cooperation, and encourage other stakeholders in the region to support your efforts.

Sincerely,

Walter Yep
Planning Division

Figure 3t

I - 0 1 5 7 2 6

I-015726



BOARD OF DIRECTORS

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Community Development*
Brian Platt
Attorney at Law
Ron Suter
*Sacramento County
Regional Parks*
Scott Wulcott
*Granite Construction
Company*
Lois Wright
SAIC

P.O. Box 188437
Sacramento, CA 95818
tel 916.456.7423
fax 916.456.4632

April 15, 1999

Tim Washburn, Agency Counsel
Sacramento Area Flood Control Agency
1007 Seventh Street, Fifth Floor
Sacramento, CA 95814

Dear Mr. Washburn:

This letter indicates our interest in participating with you and other public and non-governmental agencies in the development of a corridor management plan for the Lower American River (LAR) that would be consistent with recently developed water and floodway management plans.

For the past several years, we have participated with SAFCA in a Multi-Agency Lower American River Task Force, focusing on the development of an integrated approach to managing the flood control, environmental, and recreation resources contained within the American River Parkway. This collaborative effort has been extremely successful and we are pleased that the Water Forum and SAFCA have invited us to join with other organizations in the development of a comprehensive corridor management plan for the LAR that will identify priorities, time lines, budgets, and funding sources for environmental restoration and enhancement.

Although each agency will retain autonomy over its own budget, the proposed Multi-Agency Partnership will coordinate opportunities for cost sharing. Integration of ongoing and planned management/restoration efforts will help the cooperating agencies develop the most effective program for the LAR, thereby providing maximum benefits to the river ecosystem. Moreover, through cooperation and cost sharing, the costs to each organization for developing, implementing, and monitoring the corridor management plan will be minimized.

Our contact person for this important work is Jacquie Swaback at 916-456-7423; fax 916-455-4632.

Sincerely,

Lee Beringsmith
President

C. Rebecca Fawver
CALFED Bay-Delta Program Office
1416 Ninth Street
Sacramento, CA 95814

Figure 3u

NONDISCRIMINATION COMPLIANCE STATEMENT

STCL 18 (REV. 3-98) P&C

COMPANY NAME

City of Sacramento

The company named above (hereinafter referred to as "prospective contractor") hereby certifies, unless specifically exempted, compliance with Government Code Section 12990 (a-f) and California Code of Regulations, Title 2, Division 4, Chapter 5 in matters relating to reporting requirements and the development, implementation and maintenance of a Nondiscrimination Program. Prospective contractor agrees not to unlawfully discriminate, harass or allow harassment against any employee or applicant for employment because of sex, race, color, ancestry, religious creed, national origin, disability (including HIV and AIDS), medical condition (cancer), age, marital status, denial of family and medical care leave and denial of pregnancy disability leave.

CERTIFICATION

I, the official named below, hereby swear that I am duly authorized to legally bind the prospective contractor to the above described certification. I am fully aware that this certification, executed on the date and in the county below, is made under penalty of perjury under the laws of the State of California.

James G. Sequeira

OFFICIAL'S NAME

April 16, 1999

DATE EXECUTED

James G. Sequeira

PROSPECTIVE CONTRACTOR'S SIGNATURE

Director of Utilities

PROSPECTIVE CONTRACTOR'S TITLE

City of Sacramento Department of Utilities

PROSPECTIVE CONTRACTOR'S LEGAL BUSINESS NAME

EXECUTED IN THE COUNTY OF
Sacramento County

**STANDARD CLAUSES -
SMALL BUSINESS PREFERENCE AND CONTRACTOR IDENTIFICATION NUMBER**

NOTICE TO ALL BIDDERS:

Section 14835, et. seq. of the California Government Code requires that a five percent preference be given to bidders who qualify as a small business. The rules and regulations of this law, including the definition of a small business for the delivery of service, are contained in Title 2, California Code of Regulations, Section 1896, et. seq. A copy of the regulations is available upon request. Questions regarding the preference approval process should be directed to the Office of Small and Minority Business at (916) 322-5060. To claim the small business preference, you must submit a copy of your certification approval letter with your bid.

Are you claiming preference as a small business?

____ Yes* X No

*Attach a copy of your certification approval letter.

U.S. Department of the Interior

Certifications Regarding Debarment, Suspension and
Other Responsibility Matters, Drug-Free Workplace
Requirements and Lobbying

Persons signing this form should refer to the regulations referenced below for complete instructions:

Certification Regarding Debarment, Suspension, and Other Responsibility Matters - Primary Covered Transactions - The prospective primary participant further agrees by submitting this proposal that it will include the clause titled, "Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion - Lower Tier Covered Transaction," provided by the department or agency entering into this covered transaction, without modification, in all lower tier covered transactions and in all solicitations for lower tier covered transactions. See below for language to be used; use this form for certification and sign; or use Department of the Interior Form 1054 (DI-1954). (See Appendix A of Subpart D of 43 CFR Part 12.)

Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion - Lower Tier Covered Transactions - (See Appendix B of Subpart D of 43 CFR Part 12.)

Certification Regarding Drug-Free Workplace Requirements - Alternate I. (Grantees Other Than Individuals) and Alternate II. (Grantees Who are Individuals) - (See Appendix C of Subpart D of 43 CFR Part 12)

Signature on this form provides for compliance with certification requirements under 43 CFR Parts 12 and 18. The certifications shall be treated as a material representation of fact upon which reliance will be placed when the Department of the Interior determines to award the covered transaction, grant, cooperative agreement or loan.

PART A: Certification Regarding Debarment, Suspension, and Other Responsibility Matters -
Primary Covered Transactions

☒ IF THIS CERTIFICATION IS FOR A PRIMARY COVERED TRANSACTION AND IS APPLICABLE

- (1) The prospective primary participant certifies to the best of its knowledge and belief, that it and its principals:
- (a) Are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from covered transactions by any Federal department or agency;
 - (b) Have not within a three-year period preceding this proposal been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State or local) transaction or contract under a public transaction; violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property;
 - (c) Are not presently indicted for or otherwise criminally or civilly charged by a governmental entity (Federal, State or local) with commission of any of the offenses enumerated in paragraph (1)(b) of this certification; and
 - (d) Have not within a three-year period preceding this application/proposal had one or more public transactions (Federal, State or local) terminated for cause or default.
- (2) Where the prospective primary participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this proposal.

PART B: Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion -
Lower Tier Covered Transactions

☐ IF THIS CERTIFICATION IS FOR A LOWER TIER COVERED TRANSACTION AND IS APPLICABLE

- (1) The prospective lower tier participant certifies, by submission of this proposal, that neither it nor its principals is presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in this transaction by any Federal department or agency.
- (2) Where the prospective lower tier participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this proposal.

PART C: Certification Regarding Drug-Free Workplace Requirements

CHECK ☒ IF THIS CERTIFICATION IS FOR AN APPLICANT WHO IS NOT AN INDIVIDUAL.

Alternate I. (Grantees Other Than Individuals)

A. The grantee certifies that it will or continue to provide a drug-free workplace by:

- (a) Publishing a statement notifying employees that the unlawful manufacture, distribution, dispensing, possession, or use of a controlled substance is prohibited in the grantee's workplace and specifying the actions that will be taken against employees for violation of such prohibition;
- (b) Establishing an ongoing drug-free awareness program to inform employees about—
 - (1) The dangers of drug abuse in the workplace;
 - (2) The grantee's policy of maintaining a drug-free workplace;
 - (3) Any available drug counseling, rehabilitation, and employee assistance programs; and
 - (4) The penalties that may be imposed upon employees for drug abuse violations occurring in the workplace;
- (c) Making it a requirement that each employee to be engaged in the performance of the grant be given a copy of the statement required by paragraph (a);
- (d) Notifying the employee in the statement required by paragraph (a) that, as a condition of employment under the grant, the employee will —
 - (1) Abide by the terms of the statement; and
 - (2) Notify the employer in writing of his or her conviction for a violation of a criminal drug statute occurring in the workplace no later than five calendar days after such conviction;
- (e) Notifying the agency in writing, within ten calendar days after receiving notice under subparagraph (d)(2) from an employee or otherwise receiving actual notice of such conviction. Employers of convicted employees must provide notice, including position title, to every grant officer on whose grant activity the convicted employee was working, unless the Federal agency has designated a central point for the receipt of such notices. Notice shall include the identification number(s) of each affected grant;
- (f) Taking one of the following actions, within 30 calendar days of receiving notice under subparagraph (d)(2), with respect to any employee who is so convicted —
 - (1) Taking appropriate personnel action against such an employee, up to and including termination, consistent with the requirements of the Rehabilitation Act of 1973, as amended; or
 - (2) Requiring such employee to participate satisfactorily in a drug abuse assistance or rehabilitation program approved for such purposes by a Federal, State, or local health, law enforcement, or other appropriate agency;
- (g) Making a good faith effort to continue to maintain a drug-free workplace through implementation of paragraphs (a) (b), (c), (d), (e) and (f).

B. The grantee may insert in the space provided below the site(s) for the performance of work done in connection with the specific grant:

Place of Performance (Street address, city, county, state, zip code)

City of Sacramento Department of Utilities

1395 35th Avenue, Sacramento, CA 95822

Check ☐ if there are workplaces on file that are not identified here.

PART D: Certification Regarding Drug-Free Workplace Requirements

CHECK ☐ IF THIS CERTIFICATION IS FOR AN APPLICANT WHO IS AN INDIVIDUAL.

Alternate II. (Grantees Who Are Individuals)

- (a) The grantee certifies that, as a condition of the grant, he or she will not engage in the unlawful manufacture, distribution, dispensing, possession, or use of a controlled substance in conducting any activity with the grant;
- (b) If convicted of a criminal drug offense resulting from a violation occurring during the conduct of any grant activity, he or she will report the conviction, in writing, within 10 calendar days of the conviction, to the grant officer or other designee, unless the Federal agency designates a central point for the receipt of such notices. When notice is made to such a central point, it shall include the identification number(s) of each affected grant.

I - 0 1 5 7 3 1

I-015731

PART E: Certification Regarding Lobbying
Certification for Contracts, Grants, Loans, and Cooperative Agreements

CHECK IF CERTIFICATION IS FOR THE AWARD OF ANY OF THE FOLLOWING AND
THE AMOUNT EXCEEDS \$100,000: A FEDERAL GRANT OR COOPERATIVE AGREEMENT;
SUBCONTRACT, OR SUBGRANT UNDER THE GRANT OR COOPERATIVE AGREEMENT.

CHECK IF CERTIFICATION IS FOR THE AWARD OF A FEDERAL
LOAN EXCEEDING THE AMOUNT OF \$150,000, OR A SUBGRANT OR
SUBCONTRACT EXCEEDING \$100,000, UNDER THE LOAN.

The undersigned certifies, to the best of his or her knowledge and belief, that:

- (1) No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of an agency, a Member of Congress, and officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.
- (2) If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions.
- (3) The undersigned shall require that the language of this certification be included in the award documents for all subawards at all tiers (including subcontracts, subgrants, and contracts under grants, loans, and cooperative agreements) and that all subrecipients shall certify accordingly.

This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by Section 1352, title 31, U.S. Code. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

As the authorized certifying official, I hereby certify that the above specified certifications are true,

SIGNATURE OF AUTHORIZED CERTIFYING OFFICIAL

James G. Sequeira

TYPED NAME AND TITLE

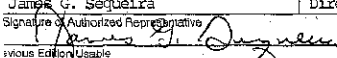
James G. Sequeira, Director of Utilities

DATE

April 16, 1999

**APPLICATION FOR
FEDERAL ASSISTANCE**

CMB Approval No. 0348-0043

2. DATE SUBMITTED April 16, 1999		Applicant Identifier 																						
TYPE OF SUBMISSION: Application <input checked="" type="checkbox"/> Construction <input type="checkbox"/> Non-Construction		3. DATE RECEIVED BY STATE State Application Identifier 																						
Preapplication <input type="checkbox"/> Construction <input type="checkbox"/> Non-Construction		4. DATE RECEIVED BY FEDERAL AGENCY Federal Identifier 																						
APPLICANT INFORMATION																								
Legal Name: City of Sacramento Address (give city, county, State, and zip code): 1395 35th Avenue Sacramento, CA 95822		Organizational Unit: Department of Utilities Name and telephone number of person to be contacted on matters involving this application (give area code): James G. Sequeira 916/264-1400																						
EMPLOYER IDENTIFICATION NUMBER (EIN): 94-60000410		7. TYPE OF APPLICANT: (enter appropriate letter in box) <table style="width: 100%;"> <tr> <td>A. State</td> <td>H. Independent School Dist.</td> </tr> <tr> <td>B. County</td> <td>I. State Controlled Institution of Higher Learning</td> </tr> <tr> <td>C. Municipal</td> <td>J. Private University</td> </tr> <tr> <td>D. Township</td> <td>K. Indian Tribe</td> </tr> <tr> <td>E. Interstate</td> <td>L. Individual</td> </tr> <tr> <td>F. Intermunicipal</td> <td>M. Profit Organization</td> </tr> <tr> <td>G. Special District</td> <td>N. Other (Specify) _____</td> </tr> </table>		A. State	H. Independent School Dist.	B. County	I. State Controlled Institution of Higher Learning	C. Municipal	J. Private University	D. Township	K. Indian Tribe	E. Interstate	L. Individual	F. Intermunicipal	M. Profit Organization	G. Special District	N. Other (Specify) _____							
A. State	H. Independent School Dist.																							
B. County	I. State Controlled Institution of Higher Learning																							
C. Municipal	J. Private University																							
D. Township	K. Indian Tribe																							
E. Interstate	L. Individual																							
F. Intermunicipal	M. Profit Organization																							
G. Special District	N. Other (Specify) _____																							
TYPE OF APPLICATION: <input checked="" type="checkbox"/> New <input type="checkbox"/> Continuation <input type="checkbox"/> Revision Revision, enter appropriate letter(s) in box(es) <input type="checkbox"/> <input type="checkbox"/> 1. Increase Award 2. Decrease Award 3. Increase Duration 4. Decrease Duration Other (specify): _____		9. NAME OF FEDERAL AGENCY: CALFED																						
1. CATALOG OF FEDERAL DOMESTIC ASSISTANCE NUMBER: N/A		11. DESCRIPTIVE TITLE OF APPLICANT'S PROJECT: Development of a River Corridor Management Plan for the Lower American River																						
TITLE: Placer County, Sacramento County and cities contained within		14. CONGRESSIONAL DISTRICTS OF:																						
1. PROPOSED PROJECT		16. IS APPLICATION SUBJECT TO REVIEW BY STATE EXECUTIVE ORDER 12372 PROCESS? N/A																						
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>Start Date</th> <th>Ending Date</th> <th>a. Applicant</th> </tr> <tr> <td></td> <td></td> <td>3-5, 11</td> </tr> </table>		Start Date	Ending Date	a. Applicant			3-5, 11	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>Start Date</th> <th>Ending Date</th> <th>b. Project</th> </tr> <tr> <td></td> <td></td> <td>3-5, 11, 4</td> </tr> </table>		Start Date	Ending Date	b. Project			3-5, 11, 4									
Start Date	Ending Date	a. Applicant																						
		3-5, 11																						
Start Date	Ending Date	b. Project																						
		3-5, 11, 4																						
ESTIMATED FUNDING:		17. IS THE APPLICANT DELINQUENT ON ANY FEDERAL DEBT? <input type="checkbox"/> Yes If "Yes," attach an explanation. <input type="checkbox"/> No																						
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>Federal</td> <td>\$</td> <td>50</td> </tr> <tr> <td>Applicant</td> <td>\$</td> <td>50</td> </tr> <tr> <td>State</td> <td>\$</td> <td>50</td> </tr> <tr> <td>Local</td> <td>\$</td> <td>50</td> </tr> <tr> <td>Other</td> <td>\$</td> <td>50</td> </tr> <tr> <td>Program Income</td> <td>\$</td> <td>50</td> </tr> <tr> <td>TOTAL</td> <td>\$</td> <td>50</td> </tr> </table>		Federal	\$	50	Applicant	\$	50	State	\$	50	Local	\$	50	Other	\$	50	Program Income	\$	50	TOTAL	\$	50	16. IS APPLICATION SUBJECT TO REVIEW BY STATE EXECUTIVE ORDER 12372 PROCESS? N/A a. YES. THIS PREAPPLICATION/APPLICATION WAS MADE AVAILABLE TO THE STATE EXECUTIVE ORDER 12372 PROCESS FOR REVIEW ON: DATE _____ b. No. <input type="checkbox"/> PROGRAM IS NOT COVERED BY E. O. 12372 <input type="checkbox"/> OR PROGRAM HAS NOT BEEN SELECTED BY STATE FOR REVIEW	
Federal	\$	50																						
Applicant	\$	50																						
State	\$	50																						
Local	\$	50																						
Other	\$	50																						
Program Income	\$	50																						
TOTAL	\$	50																						
17. IS THE APPLICANT DELINQUENT ON ANY FEDERAL DEBT? <input type="checkbox"/> Yes If "Yes," attach an explanation. <input type="checkbox"/> No																								
TO THE BEST OF MY KNOWLEDGE AND BELIEF, ALL DATA IN THIS APPLICATION/PREAPPLICATION ARE TRUE AND CORRECT, THE DOCUMENT HAS BEEN DULY AUTHORIZED BY THE GOVERNING BODY OF THE APPLICANT AND THE APPLICANT WILL COMPLY WITH THE ATTACHED ASSURANCES IF THE ASSISTANCE IS AWARDED.																								
Type Name of Authorized Representative James G. Sequeira		b. Title Director of Utilities																						
Signature of Authorized Representative 		c. Telephone Number 916/264-1400																						
d. Date Signed _____		e. Date Signed _____																						

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Standard Form 424 (Rev. 7-97)
Prescribed by CMB Circular A-102

1 - 0 1 5 7 3 3

I-015733

INSTRUCTIONS FOR THE SF-424

Public reporting burden for this collection of information is estimated to average 45 minutes per response, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to the Office of Management and Budget, Paperwork Reduction Project (0348-0043), Washington, DC 20503.

PLEASE DO NOT RETURN YOUR COMPLETED FORM TO THE OFFICE OF MANAGEMENT AND BUDGET. SEND IT TO THE ADDRESS PROVIDED BY THE SPONSORING AGENCY.

This is a standard form used by applicants as a required facesheet for preapplications and applications submitted for Federal assistance. It will be used by Federal agencies to obtain applicant certification that States which have established a review and comment procedure in response to Executive Order 12372 and have selected the program to be included in their process, have been given an opportunity to review the applicant's submission.

- | Item: | Entry: | Item: | Entry: |
|-------|--|-------|--|
| 1. | Self-explanatory. | 12. | List only the largest political entities affected (e.g., State counties, cities). |
| 2. | Date application submitted to Federal agency (or State if applicable) and applicant's control number (if applicable). | 13. | Self-explanatory. |
| 3. | State use only (if applicable). | 14. | List the applicant's Congressional District and any District(s) affected by the program or project. |
| 4. | If this application is to continue or revise an existing award, enter present Federal Identifier number. If for a new project, leave blank. | 15. | Amount requested or to be contributed during the first funding/budget period by each contributor. Value of in-kind contributions should be included on appropriate lines as applicable. If the action will result in a dollar change to an existing award, indicate <u>only</u> the amount of the change. For decreases, enclose the amounts in parentheses. If both basic and supplemental amounts are included, show breakdown on an attached sheet. For multiple program funding, use totals and show breakdown using same categories as item 15. |
| 5. | Legal name of applicant, name of primary organizational unit which will undertake the assistance activity, complete address of the applicant, and name and telephone number of the person to contact on matters related to this application. | 16. | Applicants should contact the State Single Point of Contact (SPOC) for Federal Executive Order 12372 to determine whether the application is subject to the State intergovernmental review process. |
| 6. | Enter Employer Identification Number (EIN) as assigned by the Internal Revenue Service. | 17. | This question applies to the applicant organization, not the person who signs as the authorized representative. Categories of debt include delinquent audit disallowances, loans and taxes. |
| 7. | Enter the appropriate letter in the space provided. | 18. | To be signed by the authorized representative of the applicant. A copy of the governing body's authorization for you to sign this application as official representative must be on file in the applicant's office. (Certain Federal agencies may require that this authorization be submitted as part of the application.) |
| 8. | Check appropriate box and enter appropriate letter(s) in the space(s) provided:

- "New" means a new assistance award.

- "Continuation" means an extension for an additional funding/budget period for a project with a projected completion date.

- "Revision" means any change in the Federal Government's financial obligation or contingent liability from an existing obligation. | | |
| 9. | Name of Federal agency from which assistance is being requested with this application. | | |
| 10. | Use the Catalog of Federal Domestic Assistance number and title of the program under which assistance is requested. | | |
| 11. | Enter a brief descriptive title of the project. If more than one program is involved, you should append an explanation on a separate sheet. If appropriate (e.g., construction or real property projects), attach a map showing project location. For preapplications, use a separate sheet to provide a summary description of this project. | | |

SF-424 (Rev. 7-87) Bac

BUDGET INFORMATION - Non-Construction Programs						
Grant Program Function or Activity (a)	Catalog of Federal Domestic Assistance Number (b)	Estimated Unobligated Funds		New or Revised Budget		Total (g)
		Federal (c)	Non-Federal (d)	Federal (e)	Non-Federal (f)	
1. CALIFED Bay-Delta Program Ecosystem Restoration Program (ERP)		\$	\$	\$ 250,000	\$ 500,000	\$ 750,000
2.						
3.						
4.						
5. Totals		\$	\$	\$ 250,000	\$ 500,000	\$ 750,000
GRANT PROGRAM, FUNCTION OR ACTIVITY						
6. Object Class Categories		(1) ERP	(2)	(3)	(4)	Total (5)
a. Personnel		\$	\$	\$	\$	\$
b. Fringe Benefits						
c. Travel						
d. Equipment						
e. Supplies						
f. Contractual		750,000				
g. Construction						
h. Other						
i. Total Direct Charges (sum of 6a-6h)						
j. Indirect Charges						
k. TOTALS (sum of 6i and 6j)		\$ 750,000	\$	\$	\$	\$
7. Program Income		\$	\$	\$	\$	\$

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Standard Form 424A (Rev. 4-82)
Prescribed by OMB Circular A-102

1-015736

SECTION 6 - NON-FEDERAL SOURCES					
(a) Grant Program	(b) Applicant	(c) State	(d) Other Sources	(e) TOTALS	
8. ERP	\$ 150,000	\$	\$ 350,000	\$ 500,000	
9.					
10.					
11.					
12. TOTAL (sum of lines 8 - 11)	\$ 150,000	\$	\$ 350,000	\$ 500,000	

SECTION 7 - FUTURE FUNDING PERIODS (Years)					
(a) Grant Program	Total for 1st Year	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
13. Federal	\$ 250,000	\$ 70,000	\$ 75,000	\$ 55,000	\$ 50,000
14. Non-Federal	500,000	170,000	177,500	102,500	50,000
15. TOTAL (sum of lines 13 and 14)	750,000	240,000	252,500	157,500	100,000

SECTION 8 - DIRECT AND INDIRECT CHARGES				
(a) Grant Program	(b) First	(c) Second	(d) Third	(e) Fourth
16.	\$	\$	\$	\$
17.				
18.				
19.				
20. TOTAL (sum of lines 16-19)	\$	\$	\$	\$

21. Direct Charges:	22. Indirect Charges:
23. Remarks:	

1-015736

INSTRUCTIONS FOR THE SF-424A

Public reporting burden for this collection of information is estimated to average 180 minutes per response, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to the Office of Management and Budget, Paperwork Reduction Project (0348-0044), Washington, DC 20503.

PLEASE DO NOT RETURN YOUR COMPLETED FORM TO THE OFFICE OF MANAGEMENT AND BUDGET. SEND IT TO THE ADDRESS PROVIDED BY THE SPONSORING AGENCY.

General Instructions

This form is made so that application can be made for funds from one or more grant programs. In preparing the budget, adhere to any existing Federal grantor agency guidelines which prescribe how and whether budgeted amounts should be separately shown for different functions or activities within the program. For some programs, grantor agencies may require budgets to be separately shown by function or activity. For other programs, grantor agencies may require a breakdown by function or activity. Sections A, B, C, and D should include budget estimates for the whole project except when applying for assistance which requires Federal authorization in annual or other funding period increments. In the latter case, Sections A, B, C, and D should provide the budget for the first budget period (usually a year) and Section E should present the need for Federal assistance in the subsequent budget periods. All applications should contain a breakdown by the object class categories shown in Lines a-k of Section B.

Section A. Budget Summary Lines 1-4 Columns (a) and (b)

For applications pertaining to a *single* Federal grant program (Federal Domestic Assistance Catalog number) and *not* requiring a functional or activity breakdown, enter on Line 1 under Column (a) the catalog program title and the catalog number in Column (b).

For applications pertaining to a *single* program requiring budget amounts by multiple functions or activities, enter the name of each activity or function on each line in Column (a), and enter the catalog number in Column (b). For applications pertaining to multiple programs where none of the programs require a breakdown by function or activity, enter the catalog program title on each line in Column (a) and the respective catalog number on each line in Column (b).

For applications pertaining to a *multiple* programs where one or more programs require a breakdown by function or activity, prepare a separate sheet for each program requiring the breakdown. Additional sheets should be used when one form does not provide adequate space for all breakdown of data required. However, when more than one sheet is used, the first page should provide the summary totals by programs.

Lines 1-4, Columns (c) through (g)

For *new* applications, leave Columns (c) and (d) blank. For each line entry in Columns (a) and (b), enter in Columns (e), (f), and (g) the appropriate amounts of funds needed to support the project for the first funding period (usually a year).

For *continuing grant program applications*, submit these forms before the end of each funding period as required by the grantor agency. Enter in Columns (c) and (d) the estimated amounts of funds which will remain unobligated at the end of the grant funding period only if the Federal grantor agency instructions provide for this. Otherwise, leave these columns blank. Enter in Columns (e) and (f) the amounts of funds needed for the upcoming period. The amount(s) in Column (g) should be the sum of amounts in Columns (e) and (f).

For *supplemental grants and changes* to existing grants, do not use Columns (c) and (d). Enter in Column (e) the amount of the increase or decrease of Federal funds and enter in Column (f) the amount of the increase or decrease of non-Federal funds. In Column (g) enter the new total budgeted amount (Federal and non-Federal) which includes the total previous authorized budgeted amounts plus or minus, as appropriate, the amounts shown in Columns (e) and (f). The amount(s) in Column (g) should not equal the sum of amounts in Columns (e) and (f).

Line 5—Show the totals for all columns used.

Section B. Budget Categories

In the column headings (1) through (4), enter the titles of the same programs, functions, and activities shown on Lines 1-4, Column (a), Section A. When additional sheets are prepared for Section A, provide similar column headings on each sheet. For each program, function or activity, fill in the total requirements for funds (both Federal and non-Federal) by object class categories.

Lines 6a-4—Show the totals of Lines 6a and 6b in each column.

Line 6j—Show the amount of indirect cost.

Line 6k—Enter the total of amounts on Lines 6i and 6j. For all applications for new grants and continuation grants the total amount in column (5), Line 6k, should be the same as the total amount shown in Section A, Column (g), Line 5. For supplemental grants and changes to grants, the total amount of the increase or decrease as shown in Columns (1)-(4), Line 6k should be the same as the sum of the amounts in Section A, Columns (e) and (f) on Line 5.

Line 7—Enter the estimated amount of income, if any, expected to be generated from this project. Do not add or subtract this amount from the total project amount. Show under the program.

INSTRUCTIONS FOR THE SF-424A (continued)

narrative statement the nature and source of income. The estimated amount of program income may be considered by the federal grantor agency in determining the total amount of the grant.

Section C. Non-Federal Resources

Lines 8-11—Enter amounts of non-Federal resources that will be used on the grant. If in-kind contributions are included, provide a brief explanation on a separate sheet.

Column (a) - Enter the program titles identical to Column (a), Section A. A breakdown by function or activity is not necessary.

Column (b) - Enter the contribution to be made by the applicant.

Column (c) - Enter the amount of the State's cash and in-kind contribution if the applicant is not a State or State agency. Applicants which are a State or State agencies should leave this column blank.

Column (d) - Enter the amount of cash and in-kind contributions to be made from all other sources.

Column (e) - Enter totals of Columns (b), (c), and (d).

Line 12—Enter the total for each of Columns (b)-(e). The amount in Column (e) should be equal to the amount on Line 5, Column (f) Section A.

Section D. Forecasted Cash Needs

Line 13—Enter the amount of cash needed by quarter from the grantor agency during the first year.

Line 14—Enter the amount of cash from all other sources needed by quarter during the first year.

Line 15—Enter the totals of amounts on Lines 13 and 14.

Section E. Budget Estimates of Federal Funds Needed for Balance of the Project

Lines 16-19—Enter in Column (a) the same grant program titles shown in Column (a), Section A. A breakdown by function or activity is not necessary. For new applications and continuation grant applications, enter in the proper columns amounts of Federal funds which will be needed to complete the program or project over the succeeding funding period (usually in years). This section need not be completed for revisions (amendments, changes, or supplements) to funds for the current year of existing grants.

If more than four lines are needed to list the program titles, submit additional schedules as necessary.

Line 20—Enter the total for each of the Columns (b)-(e). When additional schedules are prepared for this Section, annotate accordingly and show the overall totals on this line.

Section F. Other Budget Information

Line 21—Use this space to explain amounts for individual direct object-class cost categories that may appear to be out of the ordinary or to explain the details as required by the Federal grantor agency.

Line 22—Enter the type of indirect rate (provisional, predetermined, final or fixed) that will be in effect during the funding period, the estimated amount of the base to which the rate is applied, and the total indirect expense.

Line 23—Provide any other explanations or comments deemed necessary.

ASSURANCES - NON-CONSTRUCTION PROGRAMS

OMB Approval No. 0549-004

Public reporting burden for this collection of information is estimated to average 15 minutes per response, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to the Office of Management and Budget, Paperwork Reduction Project (3348-0040), Washington, DC 20503.

PLEASE DO NOT RETURN YOUR COMPLETED FORM TO THE OFFICE OF MANAGEMENT AND BUDGET. SEND IT TO THE ADDRESS PROVIDED BY THE SPONSORING AGENCY.

NOTE: Certain of these assurances may not be applicable to your project or program. If you have questions, please contact the awarding agency. Further, certain Federal awarding agencies may require applicants to certify to additional assurances. If such is the case, you will be notified.

As the duly authorized representative of the applicant, I certify that the applicant:

- Has the legal authority to apply for Federal assistance and the institutional, managerial and financial capability (including funds sufficient to pay the non-Federal share of project cost) to ensure proper planning, management and completion of the project described in this application.
- Will give the awarding agency, the Comptroller General of the United States and, if appropriate, the State, through any authorized representative, access to and the right to examine all records, books, papers, or documents related to the award; and will establish a proper accounting system in accordance with generally accepted accounting standards or agency directives.
- Will establish safeguards to prohibit employees from using their positions for a purpose that constitutes or presents the appearance of personal or organizational conflict of interest, or personal gain.
- Will initiate and complete the work within the applicable time frame after receipt of approval of the awarding agency.
- Will comply with the Intergovernmental Personnel Act of 1970 (42 U.S.C. §§4728-4783) relating to prescribed standards for merit systems for programs funded under one of the 19 statutes or regulations specified in Appendix A of OPM's Standards for a Merit System of Personnel Administration (5 C.F.R. 900, Subpart F).
- Will comply with all Federal statutes relating to nondiscrimination. These include but are not limited to: (a) Title VI of the Civil Rights Act of 1964 (P.L. 88-352) which prohibits discrimination on the basis of race, color or national origin; (b) Title IX of the Education Amendments of 1972, as amended (20 U.S.C. §§1681-1683, and 1685-1686), which prohibits discrimination on the basis of sex; (c) Section 504 of the Rehabilitation Act of 1973, as amended (29 U.S.C. §794), which prohibits discrimination on the basis of handicaps; (d) the Age Discrimination Act of 1975, as amended (42 U.S.C. §§6101-6107), which prohibits discrimination on the basis of age; (e) the Drug Abuse Office and Treatment Act of 1972 (P.L. 92-255), as amended, relating to nondiscrimination on the basis of drug abuse; (f) the Comprehensive Alcohol Abuse and Alcoholism Prevention, Treatment and Rehabilitation Act of 1970 (P.L. 91-616), as amended, relating to nondiscrimination on the basis of alcohol abuse or alcoholism; (g) §§523 and 527 of the Public Health Service Act of 1912 (42 U.S.C. §§290 dd-3 and 290 ee 3), as amended, relating to confidentiality of alcohol and drug abuse patient records; (h) Title VIII of the Civil Rights Act of 1968 (42 U.S.C. §§3601 et seq.), as amended, relating to nondiscrimination in the sale, rental or financing of housing; (i) any other nondiscrimination provisions in the specific statute(s) under which application for Federal assistance is being made; and, (j) the requirements of any other nondiscrimination statute(s) which may apply to the application.
- Will comply, or has already complied, with the requirements of Titles II and III of the Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970 (P.L. 91-648) which provide for fair and equitable treatment of persons displaced of whose property is acquired as a result of Federal or federally-assisted programs. These requirements apply to all interests in real property acquired for project purposes regardless of Federal participation in purchases.
- Will comply, as applicable, with provisions of the Hatch Act (5 U.S.C. §§1501-1508 and 7324-7328) which limit the political activities of employees whose principal employment activities are funded in whole or in part with Federal funds.

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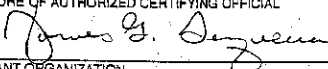
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Prescribed by OMB Circular A-10

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9. Will comply, as applicable, with the provisions of the Davis-Bacon Act (40 U.S.C. §§278a to 278e-7), the Copeland Act (40 U.S.C. §276c and 18 U.S.C. §874), and the Contract Work Hours and Safety Standards Act (40 U.S.C. §§327-333), regarding labor standards for federally-assisted construction subagreements.
10. Will comply, if applicable, with flood insurance purchase requirements of Section 102(a) of the Flood Disaster Protection Act of 1973 (P.L. 93-234) which requires recipients in a special flood hazard area to participate in the program and to purchase flood insurance if the total cost of insurable construction and acquisition is \$10,000 or more.
11. Will comply with environmental standards which may be prescribed pursuant to the following: (a) institution of environmental quality control measures under the National Environmental Policy Act of 1969 (P.L. 91-190) and Executive Order (EO) 11514; (b) notification of violating facilities pursuant to EO 11738; (c) protection of wetlands pursuant to EO 11990; (d) evaluation of flood hazards in floodplains in accordance with EO 11986; (e) assurance of project consistency with the approved State management program developed under the Coastal Zone Management Act of 1972 (16 U.S.C. §§1451 et seq.); (f) conformity of Federal actions to State (Clean Air) Implementation Plans under Section 176(c) of the Clean Air Act of 1955, as amended (42 U.S.C. §§7401 et seq.); (g) protection of underground sources of drinking water under the Safe Drinking Water Act of 1974, as amended (P.L. 93-523); and, (h) protection of endangered species under the Endangered Species Act of 1973, as amended (P.L. 93-205).
12. Will comply with the Wild and Scenic Rivers Act of 1968 (16 U.S.C. §§1271 et seq.) related to protecting components or potential components of the national wild and scenic rivers system.
13. Will assist the awarding agency in assuring compliance with Section 106 of the National Historic Preservation Act of 1966, as amended (16 U.S.C. §470), EO 11593 (identification and protection of historic properties), and the Archaeological and Historic Preservation Act of 1974 (16 U.S.C. §§469a-1 et seq.).
14. Will comply with P.L. 93-348 regarding the protection of human subjects involved in research, development, and related activities supported by this award of assistance.
15. Will comply with the Laboratory Animal Welfare Act of 1966 (P.L. 89-544, as amended, 7 U.S.C. §§2131 et seq.) pertaining to the care, handling, and treatment of warm blooded animals held for research, teaching, or other activities supported by this award of assistance.
16. Will comply with the Lead-Based Paint Poisoning Prevention Act (42 U.S.C. §§4801 et seq.) which prohibits the use of lead-based paint in construction or rehabilitation of residence structures.
17. Will cause to be performed the required financial and compliance audits in accordance with the Single Audit Act Amendments of 1986 and OMB Circular No. A-133, "Audits of States, Local Governments, and Non-Profit Organizations."
18. Will comply with all applicable requirements of all other Federal laws, executive orders, regulations, and policies governing this program.

SIGNATURE OF AUTHORIZED CERTIFYING OFFICIAL 		TITLE Director of Utilities
APPLICANT ORGANIZATION City of Sacramento		DATE SUBMITTED April 16, 1999

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